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Alaska Department of Fish and Game
Division of Commercial Fisheries
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Catch and Escapement Statistics for Copper River, Bering River, and Prince William Sound Salmon, 1987

by

Drew L. Crawford

and

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TABLE OF CONTENTS

	<u>Page</u>
LIST OF TABLES	iv
LIST OF FIGURES	vi
LIST OF APPENDICES	viii
ABSTRACT	xix
INTRODUCTION	1
METHODS	2
Catches	2
Escapements	3
Description of Sampling Procedures	3
Sampling Catches	4
Commercial Fisheries	4
Subsistence and Personal Use Fisheries	5
Sampling Escapements	5
Copper/Bering River Area	6
Prince William Sound	6
RESULTS	7
Copper-Bering River	7
Sockeye Salmon	7
Chinook Salmon	8
Coho Salmon	9
Prince William Sound	9
Sockeye Salmon	10
Coho Salmon	11
Chum Salmon	11
Pink Salmon	12
LITERATURE CITED	14
APPENDICES	57

LIST OF TABLES

<u>Table</u>	<u>Page</u>
1. Commercial catches in 1987 by fishery, district, and species in the Copper/Bering River (C/BR) and Prince William Sound (PWS) areas.	17
2. Estimated age composition of sockeye salmon in the 1987 Copper/Bering River commercial drift gill net catches. . . .	18
3. Commercial sockeye salmon catch and effort in 1987 by district and fishing period for the Copper/Bering River area.	19
4. Subsistence and personal use catches in 1987 by fishery and species for the Copper/Bering River (C/BR) and Prince William Sound (PWS) areas.	20
5. Sport fish harvests and effort by fishery and species in the Copper River Basin, Copper River Delta/Bering River (CD/BR), and Prince William Sound (PWS) areas, 1987	21
6. Salmon escapement and escapement indices by species and district in the Copper/Bering River and Prince William Sound areas, 1987	22
7. Estimated age composition of Copper River and Bering River sockeye salmon escapements, 1987	23
8. Commercial 1987 chinook salmon catch and effort by district and fishing period for the Copper/Bering River areas	24
9. Estimated 1987 age composition of Copper/Bering River area chinook salmon commercial drift gill net catches	25
10. Commercial coho salmon catch and effort in 1987 by district and fishing period for the Copper/Bering River area	26
11. Estimated age composition of Copper/Bering River area coho salmon in 1987 commercial drift gill net catches	27
12. Commercial sockeye salmon catch and effort by district and fishing period for the Prince William Sound area, 1987	28
13. Estimated age composition of the commercial sockeye salmon catches in the 1987 drift gill net and purse seine fisheries in Prince William Sound	29
14. Estimated age composition of sockeye salmon in 1987 escapements in Prince William Sound	30

LIST OF TABLES (continued)

<u>Table</u>		<u>Page</u>
15.	Weekly commercial catches of chum salmon by district and gear in Prince William Sound, 1987	31
16.	Estimated age composition of chum salmon in the 1987 commercial catches in the Prince William Sound purse seine and gill net fisheries	32
17.	Estimated hatchery contributions to pink salmon catches in the common property fisheries, hatchery cost recovery harvests, hatchery brood stock escapements, and total return of pink salmon, Prince William Sound, 1987	33
18.	Weekly commercial catches of pink salmon by district and gear type in Prince William Sound, 1987	34

LIST OF FIGURES

<u>Figure</u>	<u>Page</u>
1. Map of the Prince William Sound area showing commercial fishing districts, salmon hatcheries, weir locations, and the Miles Lake sonar site	35
2. Major spawning areas for stocks which contribute to the Copper River and Bering River commercial salmon fisheries	36
3. The location of the personal use dip net fishery at Chitina and the subsistence fish wheel fishery which extends from Chitina to Slana along the upper Copper River	37
4. Weekly sockeye salmon commercial catches from the drift gill net fisheries of the Copper River and Bering River Districts, 1987	38
5. Temporally stratified age composition of sockeye salmon from the drift gill net fisheries in the Copper River and Bering River Districts, 1987	39
6. Daily sockeye salmon catch in the combined subsistence and personal use fisheries on the upper Copper River and the temporally stratified age composition of those catches, 1987	40
7. Sockeye salmon escapement to the upper Copper River, escapement indices for the Copper River delta and Bering River, and the estimated age composition of those escapements, 1987	41
8. Daily counts of the sockeye salmon escapement to the upper Copper River past the Miles Lake sonar project and the temporally stratified age composition of that escapement, 1987	42
9. Weekly commercial chinook salmon catches from the Copper River District drift gill net fishery and the temporally stratified age composition of those catches, 1987	43
10. Weekly commercial coho salmon catches from the drift gill net fisheries of the Copper River and Bering River Districts, 1987	44
11. Temporally stratified age composition of coho salmon from the drift gill net fisheries in the Copper River and Bering River Districts, 1987	45
12. Weekly commercial sockeye salmon catches from the Coghill, Unakwik, and Eshamy gill net fisheries and from the combined purse seine fisheries of Prince William Sound, 1987	46

LIST OF FIGURES (continued)

<u>Figure</u>		<u>Page</u>
13.	Temporally stratified age composition of commercial sockeye salmon catches from the Coghill and Unakwik gill net fisheries and from the Southwestern District purse seine fishery, Prince William Sound, 1987	47
14.	Daily sockeye salmon escapement through the weir downstream of the Coghill Lake and the temporally stratified age composition of that escapement, Prince William Sound, 1987	48
15.	Weekly commercial chum salmon catches from the six most important purse seine districts, Prince William Sound, 1987	49
16.	Temporally stratified age composition of chum salmon from five of the most important purse seine districts, Prince William Sound, 1987	51
17.	Weekly commercial chum salmon catches from the Coghill District gill net fishery and the temporally stratified age composition from that district, Prince William Sound, 1987	53
18.	Percent of the total Prince William Sound commercial pink salmon purse seine catch and the percent of wild stock pink salmon escapements which occurred in the six most important purse seine districts, Prince William Sound, 1987	54
19.	Weekly commercial pink salmon catches from the six most important purse seine districts, Prince William Sound, 1987	55

LIST OF APPENDICES

	<u>Page</u>
APPENDIX A: COMMERCIAL SALMON CATCHES FROM THE COPPER AND BERING RIVERS (DISTRICTS 212 AND 200).	
A.1 - Commercial salmon catch by species and period in the Copper River District drift gill net fishery, 1987 . . .	58
A.2 - Commercial salmon catch by species and date in the Copper River District drift gill net fishery, 1987	59
A.3 - Commercial salmon catch by species and date in Statistical Area 212-10, Copper River District drift gill net fishery, 1987	60
A.4 - Commercial salmon catch by species and date in Statistical Area 212-20, Copper River District drift gill net fishery, 1987	61
A.5 - Commercial salmon catch by species and date for Statistical Area 212-30, Copper River District drift gill net fishery, 1987	62
A.6 - Commercial salmon catch by species and period in the Bering River District drift gill net fishery, 1987 . . .	63
A.7 - Commercial salmon catch by species and date in the Bering River District drift gill net fishery, 1987	64
A.8 - Temporally stratified age and sex composition of the commercial chinook salmon catch in the Copper River District drift gill net fishery, 1987	65
A.9 - Temporally stratified age and sex composition of the commercial sockeye salmon catch in the Copper River District drift gill net fishery, 1987	67
A.10 - Estimated age and sex composition of the commercial sockeye salmon catch in the Bering River District drift gill net fishery, 1987	71
A.11 - Temporally stratified age and sex composition of the commercial coho salmon catch from the Copper River District gill net fishery, 1987	72
A.12 - Estimated age and sex composition of the commercial coho salmon catch in the Bering River District drift gill net fishery, 1987	73

LIST OF APPENDICES (Continued)

	<u>Page</u>
APPENDIX B: SUBSISTENCE AND PERSONAL USE SALMON CATCHES FROM THE UPPER COPPER RIVER.	
B.1 - Daily catches of sockeye, chinook, and coho salmon in the subsistence and personal use fisheries on the Upper Copper River, 1987	75
B.2 - Temporally stratified age and sex composition of the sockeye salmon catches in the subsistence and personal use fisheries on the Upper Copper River, 1987	79
APPENDIX C: SALMON ESCAPEMENTS TO THE UPPER COPPER RIVER.	
C.1 - Daily Copper River salmon escapement estimates at the Miles Lake sonar project, 1987	84
C.2 - Sockeye salmon escapement through the Long Lake Weir, 1987	86
C.3 - Aerial escapement indices by date and location for the sockeye, chinook, and coho salmon returning to the upper Copper River drainage, 1987	87
C.4 - Estimated age and sex composition of the upper Copper River sockeye salmon escapement past the Miles Lake Sonar Project, 1987	90
APPENDIX D: SALMON ESCAPEMENTS TO THE COASTAL STREAMS OF THE COPPER RIVER DELTA AND THE BERING RIVER.	
D.1 - Aerial escapement indices and weir counts by date and location for sockeye salmon returning to the Copper River Delta and the Bering River, 1987	95
D.2 - Estimated age and sex composition in the combined escapements of sockeye salmon to the Copper River Delta and Bering River drainage, 1987	98
D.3 - Estimated age and sex composition of the sockeye salmon escapement to Eyak Lake, 1987	100
D.4 - Estimated age and sex composition of the sockeye salmon escapement to McKinley Lake, 1987	101
D.5 - Estimated age and sex composition of the sockeye salmon escapement to 27-Mile Slough, 1987	102
D.6 - Estimated age and sex composition of the sockeye salmon escapement to 39-Mile Creek, 1987	103

LIST OF APPENDICES (Continued)

	<u>Page</u>
D.7 - Estimated age and sex composition of the sockeye salmon escapement to Ragged Point Lake, 1987	104
D.8 - Estimated age and sex composition of the sockeye salmon escapement to Martin Lake, 1987	105
D.9 - Estimated age and sex composition of the sockeye salmon escapement to Little Martin Lake, 1987	106
D.10 - Estimated age and sex composition of the sockeye salmon escapement to Tokun Lake, 1987	107
D.11 - Estimated age and sex composition of the sockeye salmon escapement to Martin River Slough, 1987	108
D.12 - Estimated age and sex composition of the sockeye salmon escapement to Bering Lake, 1987	109
D.13 - Estimated age and sex composition of the sockeye salmon escapement to Shepherd Creek, 1987	110
D.14 - Estimated age and sex composition of the sockeye salmon escapement to Kushtaka Lake, 1987	111
D.15 - Aerial escapement indices and weir counts by date and location for coho salmon returning to the Copper Delta and Bering River, 1987	112
 APPENDIX E: COMMERCIAL SALMON CATCHES FROM PRINCE WILLIAM SOUND (DISTRICTS 221-228).	
E.1 - Weekly commercial catches of salmon by gear type and species, Prince William Sound, 1987	117
E.2 - Commercial salmon catch by species and fishing period for the Eastern District purse seine fishery, Prince William Sound, 1987	119
E.3 - Commercial salmon catch by species and date for the Eastern District purse seine fishery, Prince William Sound, 1987	120
E.4 - Commercial salmon catch by species and date for Statistical Area 221-20, Eastern District purse seine fishery, Prince William Sound, 1987	121
E.5 - Commercial salmon catch by species and date for Statistical Area 221-30, Eastern District purse seine fishery, Prince William Sound, 1987	122

LIST OF APPENDICES (Continued)

	<u>Page</u>
E.6 - Commercial salmon catch by species and date for Statistical Area 221-40, Eastern District purse seine fishery, Prince William Sound, 1987	123
E.7 - Commercial salmon catch by species and date for Statistical Area 221-50, Eastern District purse seine fishery, Prince William Sound, 1987	124
E.8 - Commercial salmon catch by species and date for Statistical Area 221-60, Eastern District purse seine fishery, Prince William Sound, 1987	125
E.9 - Commercial salmon catch by species and date for Statistical Area 221-62, Eastern District purse seine fishery, Prince William Sound, 1987	126
E.10 - Commercial salmon catch by species and fishing period for the Northern District purse seine fishery, Prince William Sound, 1987	127
E.11 - Commercial salmon catch by species and date for the Northern District purse seine fishery, Prince William Sound, 1987	128
E.12 - Commercial salmon catch by species and date for Statistical Area 222-10, Northern District purse seine fishery, Prince William Sound, 1987	129
E.13 - Commercial salmon catch by species and date for Statistical Area 222-20, Northern District purse seine fishery, Prince William Sound, 1987	130
E.14 - Commercial salmon catch by species and date for Statistical Area 222-21, Northern District purse seine fishery, Prince William Sound, 1987	131
E.15 - Commercial salmon catch by species and date for Statistical Area 222-30, Northern District purse seine fishery, Prince William Sound, 1987	132
E.16 - Commercial salmon catch by species and date for Statistical Area 222-40, Northern District purse seine fishery, Prince William Sound, 1987	133
E.17 - Commercial salmon catch by species, gear type, and fishing period in the Unakwik District (222-50), Prince William Sound, 1987	134

LIST OF APPENDICES (Continued)

	<u>Page</u>
E.18 - Commercial salmon catch by species and date for the Unakwik District (222-50) drift gill net fishery, Prince William Sound, 1987	136
E.19 - Commercial salmon catch by species and date for the Unakwik District (222-50) purse seine fishery, Prince William Sound, 1987	137
E.20 - Commercial salmon catch by species, gear type, and fishing period in the Coghill District, Prince William Sound, 1987	138
E.21 - Commercial salmon catch by species and date for the Coghill District drift gill net fishery, Prince William Sound, 1987	140
E.22 - Commercial salmon catch by species and date for Statistical Area 223-10, Coghill District drift gill net fishery, Prince William Sound, 1987	141
E.23 - Commercial salmon catch by species and date for Statistical Area 223-20, Coghill District drift gill net fishery, Prince William Sound, 1987	142
E.24 - Commercial salmon catch by species and date for Statistical Area 223-30, Coghill District drift gill net fishery, Prince William Sound, 1987	143
E.25 - Commercial salmon catch by species and date for Statistical Area 223-40, Coghill District drift gill net fishery, Prince William Sound, 1987	144
E.26 - Commercial salmon catch by species and date for the Coghill District purse seine fishery, Prince William Sound, 1987	145
E.27 - Commercial salmon catch by species and date for Statistical Area 223-10, Coghill District purse seine fishery, Prince William Sound, 1987	146
E.28 - Commercial salmon catch by species and date for Statistical Area 223-20, Coghill District purse seine fishery, Prince William Sound, 1987	147
E.29 - Commercial salmon catch by species and date for Statistical Area 223-30, Coghill District purse seine fishery, Prince William Sound, 1987	148

LIST OF APPENDICES (Continued)

	<u>Page</u>
E.30 - Commercial salmon catch by species and date for Statistical Area 223-40, Coghill District purse seine fishery, Prince William Sound, 1987	149
E.31 - Commercial salmon catch by species and fishing period in the Northwestern District purse seine fishery, Prince William Sound, 1987	150
E.32 - Commercial salmon catch by species and date for the Northwestern District purse seine fishery, Prince William Sound, 1987	151
E.33 - Commercial salmon catch by species and date for Statistical Area 224-10, Northwestern District purse seine fishery, Prince William Sound, 1987	152
E.34 - Commercial salmon catch by species and date for Statistical Area 224-20, Northwestern District purse seine fishery, Prince William Sound, 1987	153
E.35 - Commercial salmon catch by species and date for Statistical Area 224-30, Northwestern District purse seine fishery, Prince William Sound, 1987	154
E.36 - Commercial salmon catch by species and date for Statistical Area 224-40, Northwestern District purse seine fishery, Prince William Sound, 1987	155
E.37 - Commercial salmon catch by species, gear type, and statistical week for the Eshamy District, Prince William Sound, 1987	156
E.38 - Commercial salmon catch by species and date for Statistical Area 225-20, Eshamy District drift gill net fishery, Prince William Sound, 1987	157
E.39 - Commercial salmon catch by species and date for Statistical Area 225-30, Eshamy District drift gill net fishery, Prince William Sound, 1987	158
E.40 - Commercial salmon catch by species and date for Statistical Area 225-20, Eshamy District set gill net fishery, Prince William Sound, 1987	159
E.41 - Commercial salmon catch by species and date for Statistical Area 225-30, Eshamy District set gill net fishery, Prince William Sound, 1987	160

LIST OF APPENDICES (Continued)

	<u>Page</u>
E.42 - Commercial salmon catch by species and date for Statistical Area 225-21, Eshamy District drift gill net fishery, Prince William Sound, 1987	161
E.43 - Commercial salmon catch by species and date for Statistical Area 225-21, Eshamy District set gill net fishery, Prince William Sound, 1987	162
E.44 - Commercial salmon catch by species and fishing period for the Southwestern District purse seine fishery, Prince William Sound, 1987	163
E.45 - Commercial salmon catch by species and date for the Southwestern District purse seine fishery, Prince William Sound, 1987	164
E.46 - Commercial salmon catch by species and date for Statistical Area 226-10, Southwestern District purse seine fishery, Prince William Sound, 1987	165
E.47 - Commercial salmon catch by species and date for Statistical Area 226-20, Southwestern District purse seine fishery, Prince William Sound, 1987	166
E.48 - Commercial salmon catch by species and date for Statistical Area 226-30, Southwestern District purse seine fishery, Prince William Sound, 1987	167
E.49 - Commercial salmon catch by species and date for Statistical Area 226-40, Southwestern District purse seine fishery, Prince William Sound, 1987	168
E.50 - Commercial salmon catch by species and date for Statistical Area 226-50, Southwestern District purse seine fishery, Prince William Sound, 1987	169
E.51 - Commercial salmon catch by species and date for Statistical Area 226-51, Southwestern District purse seine fishery, Prince William Sound, 1987	170
E.52 - Commercial salmon catch by species and date for Statistical Area 226-60, Southwestern District purse seine fishery, Prince William Sound, 1987	171
E.53 - Commercial salmon catch by species and date for Statistical Areas 226-61 and 226-62, Southwestern District purse seine fishery, Prince William Sound, 1987	172

LIST OF APPENDICES (Continued)

	<u>Page</u>
E.54 - Commercial salmon catch by species and fishing period in the Montague District purse seine fishery, Prince William Sound, 1987	173
E.55 - Commercial salmon catch by species and date for the Montague District purse seine fishery, Prince William Sound, 1987	174
E.56 - Commercial salmon catch by species and date for Statistical Area 227-10, Montague District purse seine fishery, Prince William Sound, 1987	175
E.57 - Commercial salmon catch by species and date for Statistical Area 227-20, Montague District purse seine fishery, Prince William Sound, 1987	176
E.58 - Commercial salmon catch by species and fishing period for the Southeastern District purse seine fishery, Prince William Sound, 1987	177
E.59 - Commercial salmon catch by species and date for the Southeastern District purse seine fishery, Prince William Sound, 1987	178
E.60 - Commercial salmon catch by species and date for Statistical Area 228-20, Southeastern District purse seine fishery, Prince William Sound, 1987	179
E.61 - Commercial salmon catch by species and date for Statistical Area 228-30 , Southeastern District purse seine fishery, Prince William Sound, 1987	180
E.62 - Commercial salmon catch by species and date for Statistical Area 228-40, Southeastern District purse seine fishery, Prince William Sound, 1987	181
E.63 - Commercial salmon catch by species and date for Statistical Area 228-60, Southeastern District purse seine fishery, Prince William Sound, 1987	182
E.64 - Temporally stratified age and sex composition of sockeye salmon in the Unakwik District commercial drift gill net fishery, Prince William Sound, 1987	183
E.65 - Temporally stratified age and sex composition of sockeye salmon in the Coghill District commercial drift gill net and purse seine fisheries, Prince William Sound, 1987 .	184

LIST OF APPENDICES (Continued)

	<u>Page</u>
E.66 - Temporally stratified age and sex composition of sockeye salmon in the Southwestern District commercial purse seine fishery, Prince William Sound, 1987	186
E.67 - Temporally stratified age and sex composition of chum salmon in the Coghill District commercial drift gill net and purse seine fisheries, Prince William Sound, 1987 .	188
E.68 - Estimated age composition of chum salmon in the Eshamy District commercial drift and set gill net fisheries, Prince William Sound, 1987	189
E.69 - Temporally stratified age and sex composition of chum salmon in the Eastern District commercial purse seine fishery, Prince William Sound, 1987	190
E.70 - Temporally stratified age and sex composition of chum salmon in the Northern District commercial purse seine fishery, Prince William Sound, 1987	192
E.71 - Temporally stratified age and sex composition of chum salmon in the Northwestern District commercial purse seine fishery, Prince William Sound, 1987	194
E.72 - Temporally stratified age and sex composition of chum salmon in the Southwestern District commercial purse seine fishery, Prince William Sound, 1987	195
E.73 - Estimated age and sex composition of chum salmon in the Southeastern District commercial purse seine fishery, Prince William Sound, 1987	196
E.74 - Sales harvest of salmon by species and date for the Valdez Fisheries Development Association's Solomon Gulch Hatchery special harvest area, Statistical Area 221-62, Eastern District, Prince William Sound, 1987	197
E.75 - Sales harvest of salmon by species and date for the Alaska Department of Fish and Game's Fisheries Development and Enhancement Division Cannery Creek Hatchery special harvest area, Statistical Area 222-21, Northern District, Prince William Sound, 1987	198
E.76 - Sales harvest of salmon by species and date for the Prince William Sound Aquaculture Association's Esther Hatchery special harvest area, Statistical Area 223, Coghill District, Prince William Sound, 1987	199

LIST OF APPENDICES (Continued)

	<u>Page</u>
E.77 - Sales harvest of salmon by species and date for the Prince William Sound Aquaculture Association's Armin F. Koernig Hatchery special harvest area, Statistical Areas 226-61 and 62, Southwestern District, Prince William Sound, 1987	200
APPENDIX F: SALMON ESCAPEMENTS TO COASTAL STREAMS IN PRINCE WILLIAM SOUND.	
F.1 - Daily escapement counts of sockeye, pink, chum, and chinook salmon through the weir below Coghill Lake, 1987	202
F.2 - Sockeye salmon aerial escapement indices from selected systems in Prince William Sound, 1987	203
F.3 - Weekly aerial estimates of the escapement of pink salmon in Prince William Sound by district, statistical area, and stream, 1987. Counts are of live fish in streams .	204
F.4 - Weekly aerial estimates of the escapement of chum salmon in Prince William Sound by district, statistical area, and stream, 1987. Counts are of live fish in streams . . .	216
F.5 - Temporally stratified age and sex composition of the sockeye salmon escapement through the weir on the outlet stream of Coghill Lake, 1987	228
APPENDIX G: MEAN LENGTH BY SEX AND AGE OF SALMON IN THE COMMERCIAL CATCHES AND ESCAPEMENTS OF THE COPPER/BERING RIVERS AND PRINCE WILLIAM SOUND.	
G.1 - Mean length by sex and age of sockeye salmon from the commercial drift gill net catch in the Copper River and Bering River districts, 1987	231
G.2 - Mean length by sex and age of chinook salmon from the commercial drift gill net catch in the Copper River District, 1987	236
G.3 - Mean length by sex and age of coho salmon from the commercial drift gill net catch in the Copper River and Bering River districts, 1987	239
G.4 - Mean length by sex and age of sockeye salmon from the dip net and fish wheel catches of the upper Copper River subsistence and personal use fisheries at Chitina, 1987	241
G.5 - Mean length by sex and age of sockeye salmon escapements to the Copper River delta and Bering River drainage, 1987	243

LIST OF APPENDICES (Continued)

	<u>Page</u>
G.6 - Mean length by sex and age of sockeye salmon from the commercial drift gill net and purse seine catches in the Coghill and Unakwik districts, Prince William Sound, 1987	249
G.7 - Mean length by sex and age of sockeye salmon escapements through the weir below Coghill Lake, Prince William Sound, 1987	252
APPENDIX H: AVERAGE WEIGHTS OF SALMON IN THE COPPER/BERING RIVERS AND PRINCE WILLIAM SOUND COMMERCIAL CATCH.	
H.1 - Average salmon weights from the commercial gill net and purse seine fisheries in the Copper/Bering and Prince William Sound areas, 1987	255

ABSTRACT

This report presents 1987 catch and escapement statistics for all salmon species in the Copper River, Bering River, and Prince William Sound areas. This information is intended for use as a reference for management of the salmon resource in this area. Catch information was compiled from commercial fish ticket summaries, subsistence and personal use fish permits, and a postal survey of sport fishermen. Escapement data were taken from reported aerial and ground survey results, side scan sonar counts, and weir counts. Stratified systematic samples of age, sex, length, and weight were collected from salmon catches and escapements using standard sampling techniques for each select species, gear type, and fishing district.

Commercial, subsistence, personal use, and sport fishermen harvested 33,233,388 salmon in the Copper River, Bering River, and Prince William Sound areas in 1987. Pink salmon (*Oncorhynchus gorbuscha*) were the most numerous species in the combined catch from Prince William Sound and more than half of those were hatchery returns. The escapement index for this area was 2,597,251 salmon. Temporal variations in age composition of the catch were observed for sockeye salmon (*O. nerka*) and chinook salmon (*O. tshawytscha*) in the Copper River District, sockeye salmon in the Southwestern District, and chum salmon (*O. keta*) in the Eastern, Northern, and Coghill Districts.

KEY WORDS: Salmon, *Oncorhynchus*, Copper River, Bering River, Prince William Sound, catch, escapement, age, length, sex, and weight

INTRODUCTION

The Prince William Sound management area is divided into 11 fishing districts that encompass coastal waters and associated inland watersheds of the Gulf of Alaska between Cape Suckling and Cape Fairfield (Figure 1). The Copper River District (212) and the Bering River District (200) lie to the east of Hook Point, Hinchinbrook Island and have historically been treated as a discrete area: the Copper/Bering River (Figure 2). Prince William Sound proper (Prince William Sound) lies to the west of Hook Point and includes the Eastern (221), Northern (222), Unakwik (222-50), Coghill (223), Northwestern (224), Eshamy (225), Southwestern (226), Montague (227), and Southeastern (228) Districts. Commercial catches dominate salmon harvests in all districts. However, subsistence and personal use fisheries in the Copper River District and salmon sport fisheries in the Copper/Bering River and Prince William Sound areas also occur.

Drift gill nets are the only legal gear type in the Copper and Bering River Districts. Sockeye salmon (*Oncorhynchus nerka*), coho salmon (*O. kisutch*), and chinook salmon (*O. tshawytscha*) are the predominant species in the catch in the Copper River District. In the Bering River District sockeye and coho salmon predominate the catch; pink salmon (*O. gorbuscha*) and chum salmon (*O. keta*) catches are considered incidental.

Sockeye salmon which escape the commercial fisheries in the Copper and Bering River Districts are destined for tributaries and lakes in the upper Copper River, small coastal streams in the Copper River delta or tributaries of the Bering River (ADF&G 1962). These areas support small sport fisheries. Whereas coho salmon spawn primarily in the coastal streams, chinook salmon spawn exclusively in the upper Copper River (ADF&G 1964; Thompson 1964) where they are additionally harvested in subsistence and personal use fisheries.

An upper Copper River subsistence fish wheel fishery extends from Chitina to Slana (Figure 3) while a personal use dip net and fish wheel fishery is restricted to a few miles of the river near Chitina. Both subsistence and personal use fisheries harvest significant numbers of sockeye salmon and lesser numbers of chinook and coho salmon. Subsistence fishing is also permitted in the commercial fishing areas but catches are generally very small.

Purse seine fisheries are permitted in all districts of Prince William Sound with the exception of the Eshamy District (225). Drift gill net fisheries occur only in the Coghill District (223) and the Unakwik District (222-50). Concurrent drift and set gill net fisheries are permitted in the Eshamy District (225).

Pink and chum salmon are predominantly taken by purse seine fisherman, with significant incidental catches of sockeye salmon. Total harvest by gill net fisheries is much smaller than that taken in the purse seine fisheries. Although gill net fisheries have traditionally targeted sockeye salmon, the catch of pink and chum salmon have increased congruently with increased hatchery production of these species. Historically, harvest of chinook and coho salmon in Prince William Sound has been incidental. However, a number of drift gill net and purse seine fishermen are now beginning to target a late run of coho salmon which began returning to the Esther Island Hatchery in 1987. In future years coho salmon catches can also be expected to increase in the Valdez Arm and Port Valdez areas because of earlier releases made at the Solomon Gulch Hatchery.

Pink and chum salmon wild stocks spawn in many small coastal streams on the mainland and islands throughout Prince William Sound. Hatchery returns of pink and chum salmon in Prince William Sound originate from the Solomon Gulch, Cannery Creek, Esther Island, Main Bay, and Armin F. Koernig (AFK) Hatcheries (Figure 1). The Solomon Gulch, Esther Island, and AFK facilities are private, non-profit hatcheries, while hatcheries at Cannery Creek and Main Bay are owned by the State of Alaska. Because of budget shortages in 1987, the Cannery Creek Hatchery was operated by a joint-venture agreement between the Alaska Department of Fish and Game (ADF&G), Fisheries Rehabilitation, Enhancement, and Development (FRED) Division and the Prince William Sound Aquaculture Association (a private, non-profit group). The Main Bay Hatchery is operated by ADF&G's FRED Division.

Most of the sockeye escapements in Prince William Sound occurs in Coghill Lake and Eshamy Lake. However, a few other spawning areas exist, most notably Cowpen and Miners lakes in the Unakwik District.

Sport fishery harvest in the Copper/Bering River and Prince William Sound areas is small compared to the commercial harvest. The sport fishery in Copper/Bering River area primarily targets chinook and sockeye salmon in the freshwater drainage of the upper Copper River, and coho and sockeye salmon in a few delta streams. Pink and coho salmon are the predominant species harvested in the sport fishery in Prince William Sound. Most are caught in salt water. There is also considerable effort for sockeye salmon in Coghill River and Eshamy Lagoon.

Adequate management of these resources requires knowledge of certain fundamental characteristics of each contributing population or stock. To maintain stocks at levels capable of producing optimal yield, it is necessary to assess (1) the magnitude of the harvests, (2) the magnitude of the spawning escapements, and (3) the age, sex, and size composition.

ADF&G maintains resource monitoring programs to collect these data for both the fisheries and contributing spawning populations in the Copper/Bering River and Prince William Sound areas. The purpose of this report is to present the baseline population statistics for the 1987 inshore return of salmon to the Copper/Bering River and Prince William Sound areas. Catch and escapement information, which can be found in the Annual Commercial Salmon Catch Statistics Report and the Annual Finfish Management Report for the Prince William Sound management area, is integrated with age, sex, and size data obtained in 1987. The report builds upon the data base established by Sharr and Peckham (1988) and Sharr et al. (1988). Abundance and age composition are summarized by species for each sampled fishery and escapement. Detailed information for each fishery is presented in the Appendices.

METHODS

Catches

Salmon catches and fishing effort by fishing period and district (or subdistrict) were tabulated from information supplied by fishermen and processors through sales reported on fish tickets (Thompson 1987). The dollar value of each landing is a function of ex-vessel price and weight of the landing. Processors often

estimated the number of fish caught in landings by dividing landing weight by an estimated mean weight of fish by species. Since there is variance associated with estimates of mean weight, there is also variance associated with estimates of numbers caught. Because mean weight and corresponding variance were not reported on fish tickets, estimated numbers caught were treated as counts without variance for this report.

Catch in subsistence and personal use fisheries are the sums of catches recorded on returned fishery permits as of May 1988. These catch figures are preliminary and may differ slightly from final published figures.

All sport fishery catches were estimated from postal surveys. The estimates were checked and validated with creel census data from selected fisheries (Mills 1988).

Escapements

Salmon stocks of the Copper/Bering River and Prince William Sound areas for which escapement data were available were grouped into runs according to major spawning areas. In the Copper/Bering area there are two runs: (1) the upriver run which includes all stocks of sockeye and chinook salmon which spawn in the upper Copper River watershed upstream of Miles Lake; and (2) the delta/Bering run which includes all stocks of sockeye and coho salmon which spawn in coastal lakes and streams of the Copper River delta and Bering River watersheds. In Prince William Sound the numerous pink and chum salmon stocks were grouped by district. Sockeye salmon escapement to Coghill Lake was enumerated at Coghill weir. No sockeye salmon escapement estimate was obtained for Eshamy Lake in 1987 because of fiscal constraints.

Upriver escapement of sockeye salmon in the Copper/Bering River area was estimated using side-scanning hydroacoustic equipment near Miles Lake (Figure 2); E.D. Biggs, Alaska Department of Fish and Game, Cordova, personal communication). Escapement to Long Lake was included in this upriver escapement estimate and enumerated via weir. The relative contributions of many other stocks which contribute to the total upper Copper River escapement were indexed by periodic aerial surveys.

The estimate of the delta/Bering River component of the Copper/Bering escapement of sockeye and coho salmon was based on peak counts obtained from periodic aerial surveys of selected spawning areas. Aerial survey results represent indices of the relative abundance of escapements between stocks and years. These data were used to make escapement estimates since no other data were available.

Description of Sampling Procedures

Fish were sampled to determine their age, sex, and size (length). One scale was collected from each sampled sockeye, chum, and coho salmon, and three scales were collected from each sampled chinook salmon. Pink salmon were not sampled. Scales were taken from the left side of the body two rows above the lateral line along a diagonal running from the posterior base of the dorsal fin to the

anterior base of the anal fin (INPFC 1963). Scales were mounted on gum cards and impressions made in cellulose acetate (Clutter and Whitesel 1956). Scale growth patterns on the acetate impressions were examined to determine the age of each fish sampled. Whenever marine growth zones on scales were resorbed, marine age was determined using the Peterson method of length frequency analysis (Tesch 1970). Length was measured from the middle of the eye to the fork of the tail. Sex was determined by inspection of the morphological characteristics of live fish, or when possible, gonadal inspection of dead ones.

Sampling Catches

Catches are grouped into those which occur in the commercial fisheries of the Copper/Bering River and Prince William Sound areas and those which occur in the subsistence and personal use fisheries on the upper Copper River. Sport fish catches were not sampled.

Commercial Fisheries

Age and sex composition of the season's catch for each combination of species, gear, and fishing district were estimated with stratified systematic sampling programs according to Cochran (1977). Each sampling stratum is a combination of contiguous fishing periods grouped so that all strata will have similar catches; dates for strata were selected before the season began according to catch trends from past years. The number of strata was selected according to the rapidity of change in age composition as estimated in previous years; catches for which there were no valid estimates of age and sex composition in previous years were divided into three or four strata to expose moderate time trends. Whenever possible, one sample was taken in the middle of each stratum with sufficient numbers of fish to simultaneously estimate the proportion of each major age class in the catch within ± 5 percentage points of the true proportion 90% of the time. However there were a few instances in 1987 when less than the desired number of strata were sampled because the samples were not available.

Whenever possible, the sample for each stratum was taken within a single day. Fish in each sample were selected systematically from canneries without regard to tender vessel or subdistrict of capture. Sharr (1983) found no differences in age composition among tender loads from subdistricts within District 212 in 1982. In 1985, the area east of Kayak Island in the Bering River District (Subdistrict 30) was closed to fishing by the Board of Fisheries. All catches sampled in this district since then have been from one or the other or both of the two Subdistricts 10 and 20 to the west of Kayak Island.

Age compositions were estimated with procedures outlined in Cochran (1977) for stratified sampling programs:

$$C_{tj} = C_t P_{tj} \quad (1)$$

$$V[C_{tj}] = (C_t)^2 \frac{P_{tj}(1-P_{tj})}{N_t - 1} \quad (2)$$

$$C_j = \sum_{t=1}^T C_{tj} \quad (3)$$

$$V[C_j] = \sum_{t=1}^T V[C_{tj}] \quad (4)$$

where

C_t = the number of fish caught during stratum t ,

P_{tj} = the fraction of the sample taken during stratum t that is age j ,

N_t = the sample size during stratum t ,

C_{tj} = the estimated number of fish of age j caught during stratum t ,

T = the number of strata, and

C_j = the estimate of the number of fish of age j caught during the season.

The correction factor for finite populations was not included in the above equations because sample sizes were small compared to catches.

Subsistence and Personal Use Fisheries

An estimate of the age and sex composition of sockeye salmon in the Copper River subsistence and personal use fisheries was obtained using a stratified systematic sampling program. Because there were no demonstrable differences in age composition between gear types, fish wheel and dip net fisheries samples were pooled. Age, sex, and size samples collected from these fisheries were assumed to be representative of both upriver catch and escapement. Therefore, sampling strata were selected using commercial catch projections by fishing period and migratory timing data for important upriver stocks (Merritt and Roberson 1983). The same formulas used for estimating numbers of fish by age in commercial catches were used to estimate subsistence and personal use catch by age. Age, size, and sex composition of chinook and coho salmon were not estimated from these fisheries due to the low number harvested.

Sampling Escapements

Sockeye salmon escapement samples were collected from the upper Copper River, delta/Bering River coastal drainage, and the Coghill Lake run in Prince William Sound. Methods of sample collection varied by area. When stratified sampling data was obtained, the same formulas were applied to estimate the number of fish in the escapement by age as in the commercial catch. Escapement was substituted for catch.

Copper/Bering River Area

Age, sex, and size composition estimates from the Copper River subsistence and personal use fisheries were applied to sonar counts from Miles Lake. Temporal strata in the sonar-estimated escapement were developed so as to conform to strata used with subsistence and personal use fisheries. However, dates were shifted to account for fish travel time between Miles Lake and Chitina. Mean travel times in days were approximated from a linear regression of travel rate versus date as calculated from tagging data (Merritt and Roberson 1983).

Neither comprehensive enumeration studies nor detailed stratified sampling programs on all coastal salmon streams in Copper River delta and throughout the Bering River watershed are possible due to logistical, manpower, and fiscal constraints. Consequently, aerial survey techniques and simple systematic sampling programs were used to estimate escapement by sex and age to these areas as follows:

$$E_j = A_m Q_j \quad (5)$$

$$V[E_j] = (A_m)^2 \frac{Q_j(1-Q_j)}{N-1} \quad (6)$$

where

E_j = the season escapement of fish of age j ,

A_m = the peak number counted on the spawning grounds during aerial surveys,

Q_j = the estimate of the portion of the escapement of age j pooled over one or two sampling trips to the spawning grounds, and

N = the number of fish sampled in all sampling trips to the spawning grounds.

Since total escapement abundance to these areas was not available, peak aerial spawning ground counts were used to expand age proportions into crude estimates of numbers by age.

Prince William Sound

Stratified systematic sampling programs and weir counts were used to estimate the age, sex, and size composition of sockeye salmon escapements to Coghill Lake. Such estimates for chum salmon were not made.

RESULTS AND DISCUSSION

Copper/Bering Rivers

The commercial, subsistence, personal use, and sport fisheries in the Copper River District (212) and the Bering River District (200) share geographic proximity, occur simultaneously, and are all directed at stocks of sockeye, coho, and chinook salmon returning to the Copper/Bering River area. More detailed data on the commercial, subsistence and personal use catches, as well as upriver and coastal escapements in the Copper/Bering River area are presented in Appendices A, B, C, and D, respectively. Mean length data for salmon which returned to the Copper/Bering River area can be found in Appendix G. Appendix G also contains mean length data for Coghill and Unakwik sockeye salmon. Average weights of commercially caught fish are presented in Appendix H.

Sockeye Salmon

In the Copper River District, 1,181,205 sockeye salmon were commercially harvested in 1987 (Table 1). Percent age composition was: 82.1% age 1.3, 7.1% age 0.3, 5.2% age 1.2, 4.6% age 2.3, and 1.0% other ages (Table 2). Sockeye catches peaked during the first week of June with the largest single period catch (303,731 fish) made during the 01 to 03 June fishery opening (Table 3). Catches dropped sharply during the following two weeks; leveled off briefly during the week ending 27 June; and declined gradually through July and August (Figure 4). The fraction of the catch aged 1.3 increased from 79.4% in mid-May to 86.5% in early June, then declined to 67.2% in July (Figure 5). Fish aged 2.3 declined from 11.4% in mid-May to 0.6% by mid-June and did not change thereafter. Conversely, fish aged 1.2 were only 0.4% of the catch in mid-May but increased steadily to a high of 24.8% in early July. Through the season the fraction of the catch aged 0.3 varied little from the season total of 7.1%. An insignificant subsistence drift gill net salmon harvest occurred in the Copper River District concurrent with the commercial fishery (Brady et al. 1988).

The Bering River District sockeye fishery began later (15 June versus 13 May) than the Copper River District in 1987 (Table 3). It was also shorter in duration, yielding a much smaller catch (Figure 4). Before 1986, the largest sockeye salmon harvest in this district occurred east of Kayak Island in Subdistrict 200-30. As a result of action taken by the Board of Fisheries in response to stock interception concerns, this subdistrict has been closed to fishing since 1985. In 1987, the total 16,926 sockeye salmon harvest came from the nearshore waters west of Kayak Island in the Controller Bay, Bering River, and Katalla areas. The catch was composed of 54.3% fish aged 1.3; 39.9% fish aged 0.3; 4.9% fish aged 1.2; with the small remainder distributed among several age groups (Table 2). Since only one catch sample was obtained for the Bering River in 1987, temporal changes in age composition could not be evaluated. Sockeye salmon catches in this district were insignificant after 7 July.

The subsistence and personal use fisheries on the upper Copper River began on 1 June. A total of 61,859 sockeye salmon were captured (Table 4); 36.0% were taken with fish wheels and 64.0% with dip nets. Changes in catch magnitude and age composition were similar to those observed in the Copper River commercial fishery (Figure 6). Peak catches occurred in early June. Fish aged 1.3 were

predominated with age 2.3 and 1.2 fish present in smaller but similar relative proportions as in the commercial catch. Temporal changes in age composition were also similar to those observed in the commercial catch.

Approximately 98% (4,787 fish) of the sockeye salmon harvested by sport fishermen in the upper Copper River were caught in the Gulkana and Klutina rivers (Table 5). The sport harvest of sockeye salmon in coastal areas of the Copper River District was much smaller (89 fish) and restricted to a few easily accessible coastal streams. No age or sex data were obtained.

An estimated 484,534 sockeye salmon passed the Miles Lake sonar site (Table 6, Figure 7). Temporal trends in the upriver escapement magnitude (Figure 8) paralleled the trends in the commercial catch in the Copper River District (Figure 4) and in the upriver subsistence and personal use fisheries (Figure 6). Escapement spanned the period from late May to early August with strongly skewed components toward the early and middle part of the run. Daily counts of 10,962 to 18,540 fish occurred from 27 May through 5 June, 10 June through 11 June, and 23 June through 26 June (Appendix C.1). Counts fluctuated randomly in early July between from 2,012 to 8,585 fish and then decreased steadily after mid-July. Escapement age composition (Table 7, Figures 7 and 8) was based on samples from the collected in upriver subsistence and personal use fisheries. Within corresponding time lagged strata for the fishery and for the escapement, the age group proportions were identical (Figures 6 and 8); despite strata being weighted differently for these two samples, the season total age compositions were also almost identical (Appendices B and C).

Aerial survey data for the Copper River delta and Bering River spawning areas provided an estimate of their relative importance, but the combined escapement index of 60,698 sockeye salmon to the delta and 26,605 sockeye salmon to the Bering River drainage (Table 6, Appendix D.1) represents some unknown fraction of the actual escapement to those areas. Escapement to the upper Copper River, the Copper River delta, and the Bering River areas were all dominated by fish aged 1.3 (79.3%, 48.6%, and 75.2%, respectively). Fish aged 1.2 and 0.3 were also significant in the Copper River delta escapement (25.1% and 18.9% respectively). Very few fish aged 2.3 were observed in coastal escapements (Table 7, Figure 7). Other age groups that were present in significant numbers in the Bering River area escapements were ages 0.3 and 1.2 (11.9% and 11.4% respectively).

Chinook Salmon

Most of the 41,005 chinook salmon caught in the Copper River District in 1987 were harvested between 13 May and 23 June (Table 8). Percent age composition of the total catch was: 46.8% age 1.3, 46.4% age 1.4, and the remaining 6.8% were mostly age 1.2 and 2.3 age (Table 9). Fish age 1.4 were most numerous in the catch in mid-May and declined steadily to 34.3% in mid-June (Figure 9). Conversely, the fraction of the catch age 1.3 rose from 30.1% in mid-May to 61.6% in mid-June. The other age groups fluctuated little throughout the season.

A total of 3,245 chinook salmon were caught in the upper Copper River subsistence and personal use fisheries (Table 4). Most of these chinook salmon (83%) were captured using dip nets and the remainder were taken by fish wheels. No information is available on the age composition of chinook salmon from the subsistence and personal use fisheries.

Mills (1988) estimated a sport fish catch of 2,301 chinook salmon from the upper Copper River drainage (Table 5). Most of these fish were captured in the Gulkana River drainage. No age composition information is available for this catch.

Although there were some aerial surveys of the chinook salmon escapement in the Copper River District (Appendix C.3), no relative escapement index was determined for this area.

Coho Salmon

Most of the 1987 coho salmon in the Copper River District were taken from mid-to-late August (Table 10, Figure 10). Before August, coho salmon were captured incidentally in the sockeye salmon fishery; during August the fishery targeted on coho salmon. Of the 127,463 coho salmon caught in the Copper River District 60.7% were age 2.1 and 33.5% were age 1.1 (Table 11). Age composition of the catch did not vary significantly through the season (Figure 11, Appendix A.11).

The 1987 Bering River District coho salmon catch (15,864 fish) occurred almost exclusively in the Katalla and Controller Bay areas (Table 10, Figure 10). Age composition of Bering and Copper river coho salmon catches were similar except that the portion of Bering River fish age 1.1 was higher (33.0% versus 23.5%), and the percentage of Bering River fish age 2.1 was slightly smaller (Figure 11, Appendix A.12).

ADF&G estimated a subsistence and personal use catch of 509 coho salmon in the Copper/Bering River area (Table 4). Sport fishermen harvested 680 coho salmon from Eyak River and an unknown number from a few easily accessible coastal streams on the Copper River delta (Table 5). No age and sex composition data are available for these fisheries.

Based on available aerial survey data, coho salmon escapement to the upper Copper River drainage appears to be extremely small (Appendix C.3). Aerial survey data for the Copper River delta and Bering River spawning areas (Appendix D.1) provided an estimate of their relative importance, but the combined relative escapement index of 26,605 fish to the delta and 5,605 fish to the Bering River drainage (Table 6) represent an unknown fraction of actual escapements to those areas. No age and sex composition data are available for coho salmon escapement to the Copper/Bering River area.

Prince William Sound

Fisheries in the nine fishing districts in Prince William Sound (Districts 221-228 and the Unakwik District) share geographic proximity, occur simultaneously, and are directed at salmon stocks of Prince William Sound origin. Chinook salmon are incidental in Prince William Sound catches and are not discussed in the text. More detailed data on the salmon catches and escapements in Prince William Sound are presented in Appendices E and F, respectively. Mean length and weight data for salmon returning to Prince William Sound are presented in Appendices G and H.

Sockeye Salmon

A total of 540,097 sockeye salmon were commercially harvested in Prince William Sound in 1987 (Table 12). The gill net catch of 389,377 sockeye salmon included 377,454 fish from the Coghill District, 5,894 fish from the Unakwik District, and 6,029 fish from the Eshamy District.

The Coghill District sockeye catch occurred from mid-June to early August and peaked in mid-July (Table 12, Figure 12). The catch was 90.7% fish age 1.3, 4.9% fish age 2.3, 2.2% fish age 1.2, and less than 2.1% other age groups (Table 13). The relative proportion of fish aged 1.3, 2.3, and 1.2 varied little throughout the season (Figure 13).

The Unakwik District sockeye salmon harvest was much smaller than in the Coghill District, but catches in both districts peaked during mid-July (Table 12, Figure 12). Age composition of fish from the Unakwik District was similar to that observed in the Coghill District, although the fraction of fish aged 2.3 was slightly larger (Table 13).

In the Eshamy District, 6,029 sockeye were caught between mid-June and late August (Table 12, Figure 12). No directed fishery for sockeye salmon occurred in the Eshamy District in 1987, because of weak parent-year escapements to Eshamy Lake. The sockeye salmon catch was incidental to the harvest of surplus Main Bay Hatchery pink and chum salmon in the Main Bay Subdistrict.

The purse seine catch of sockeye salmon in Prince William Sound began in late June, peaked in mid-July, and decreased steadily through August (Table 12, Figure 12). Approximately 28% of the sockeye salmon purse seine harvest occurred in the Southwestern District, 26% in the Coghill District, 20% in the Northern District, 15% in the Eastern District, and the remainder in the other districts. Age composition of the catch from the Southwestern District in the week ending 25 July was similar to the age composition of the gill net catch in the Coghill District (Figure 13). Fish aged 1.3 predominated (about 47%), followed by age 1.2 (32.5%), age 2.2 (13.1%), age 2.3 (5.4%), and other ages (2%) (Table 13). During the following 4 weeks there was a steady decline in age 1.3 and 2.3 fish in the catch and a steady increase in age 1.2. By the last sampling stratum (16 Aug - 12 Sept) fish age 1.2 comprised almost 58% of the catch.

An estimated 4,889 sockeye salmon were caught in the Prince William Sound area sport fishery (Table 5). Very few sockeye salmon were reported taken in the subsistence fishery (Table 4). Age and sex composition data were not available for these small fisheries.

A total of 187,263 sockeye salmon were counted by ADF&G through the Coghill weir (Table 6, Appendix F.1). Escapement through the weir was bimodal (Figure 14). Only 10,159 fish were passed between 21 June and 07 July, and daily passage rates ranged from 0 to 2,638 fish. The bulk of the 1987 escapement (81%) passed through the weir between 10 July and 16 July. The peak daily weir count was 12 July when 46,399 sockeye salmon were counted. A second and weaker pulse (23,787 fish) was observed between 19 and 22 July. The escapement percent age composition through the weir was estimated as 90.2% age 1.3, 6.7% age 2.3, with the remaining 3.1% predominantly age 1.2 and 2.2 (Table 14). Percent age composition did not change appreciably over the course of the run (Figure 14).

Other sockeye salmon runs in Prince William Sound are much smaller by comparison and escapement information is provided by aerial surveillance (Appendix F.2).

Coho Salmon

In 1987, 27,000 and 13,736 coho salmon respectively were harvested by commercial purse seine and gill net fisheries in Prince William Sound (Table 1). The largest purse seine catch occurred in the Southwestern (47%) and Eastern (25%) Districts. Drift gill netters in the Coghill District accounted for 13,396 coho salmon with the majority of those fish probably originating from Esther Island Hatchery (L.R. Peltz, Alaska Department of Fish and Game, Cordova, personal communication). Coho catches peaked during the last week of July and then declined through August. No age or sex composition data are available for these catches.

In recent years the sport fishery in Prince William Sound has increasingly targeted on coho salmon. Mills (1987) estimated that 16,097 coho salmon were caught by sport fishermen in 1987 (Table 5). A large portion of this catch can probably be attributed to successful returns of hatchery reared coho salmon released at Whittier, Valdez, and Cordova in 1986 (Holland 1988). The subsistence catch of coho salmon was very small (Table 4).

Chum Salmon

Of the 1,904,494 chum salmon harvested in Prince William Sound (Table 1), 80% were caught by purse seine fishermen and the remainder by gill net fishermen. Salmon which are made available to the commercial fishing fleet regardless of the gear type that catches them are referred to as common property harvest fish. In other words, whoever catches the fish has the right to keep them. Nearly half of the purse seine catch (44%) came from the Eastern District, with most of the remainder from the Northern and Southwestern Districts (Table 15). Catches peaked earliest in the Eastern and Northern Districts and latest in the Southwestern District (Figure 15).

Purse seine catches in all districts were predominantly 4-year-old fish (58.0%) and the remainder were mostly 5-year-old fish (38.9%) (Table 16). In the Northwestern and Southwestern Districts there were no notable changes in the age composition through time (Figure 16). However, in the Eastern District there was a gradual temporal decline in 5-year-old fish with a corresponding increase in 4-year-old fish. During the latter sampling strata this trend was reversed. In the Northern District 5-year-old fish comprised most of the catch in mid-July (51.4%) while 4-year-olds dominated the catch in August (64.5%).

More than 96% of the Prince William Sound gill net chum salmon catch occurred in the Coghill District with most (84.3%) taken by the gill net fleet (Table 15). Age composition of the Coghill District gill net catch was similar to that observed in purse seine catches in adjacent districts (Table 16). Four-year-old fish comprised 69.1% of the catch with the remainder predominantly 5-year-olds. Age composition of the second stratum showed a slight increase in the number of 3-year-olds (Figure 17). It is likely that an unknown number of the younger aged fish were returning to Esther Island Hatchery (L.R. Peltz, Alaska Department of Fish and Game, Cordova, personal communication).

The Eshamy District gill net fisheries (drift and set gill net) targeted on pink and chum salmon, returning to the Main Bay Hatchery. These gill net fisheries

were restricted to the Main Bay Subdistrict (225-21), except for a 72-h district-wide opening in June, and accounted for 52,159 chum salmon. The chum salmon gill net catch peaked in this subdistrict at approximately the same time as the Coghill District but over a shorter period of time (Table 15).

Private non-profit hatcheries are allowed by law to harvest and sell a portion of the salmon that return to their facilities each year to pay for all or a portion of their operating expenses. Fish which are caught and sold by hatcheries are accounted for in the cost recovery harvest. The estimated chum catch in cost recovery harvests for private non-profit hatcheries in Prince William Sound was 2,549 fish (Table 1). These were taken incidentally to the cost recovery harvest of pink salmon, and no age or sex composition data are available for these catches.

Subsistence harvest of chum salmon was very small, and the estimated sport fishery catch totaled 1,894 fish (Table 5). Most of the sport harvest occurred in salt water near Valdez and Whittier.

Pink Salmon

A total of 29,198,507 pink salmon were harvested in Prince William Sound in 1987 (Table 1). The common property fisheries harvested 90% of these fish with the remaining 10% taken in the cost recovery fisheries of three private non-profit hatcheries and one state hatchery. Approximately 14,025,000 pink salmon in the common property harvest originated from hatcheries (Table 17; Brady et al. 1987). The combined common property and cost recovery harvests of hatchery-produced pink salmon was 17,011,061 fish. This was the second consecutive year that hatchery fish comprised more than half of the commercial pink salmon harvest in Prince William Sound.

The purse seine fishery accounted for nearly 87% (25,404,76 fish) of the total common property pink salmon harvest (Table 1), with approximately 55% coming from the Southwestern District.

The pink salmon escapement goal for the Southwestern District was met representing approximately 9% of the escapement index for Prince William Sound wild stocks (Figure 18). The Southwestern District encompasses an entrance to Prince William Sound known to be a migratory pathway used by wild pink salmon stocks as well as hatchery stocks returning to other districts (McCurdy 1983). Furthermore, the AFK Hatchery, located in the middle of the district (Figure 1), made the largest contribution (39%, Table 17) to the hatchery component of the Prince William Sound area common property fisheries in 1987. Peak catches in the Southwestern District coincides with the peak returns to the AFK hatchery in mid-to-late August. Consequently, the large catches relative to the escapement in the Southwestern District in 1987 can be attributable to the interception of wild stocks destined to other areas in the sound as well as hatchery contributions.

Pink salmon returns to the other hatcheries in the sound also contribute substantially to catches in their respective districts. The Eastern District pink salmon catch (6,964,549) was the second largest among purse seine fisheries (Table 18, Figure 19). Large commercial catches during the first three weeks of July are conjectured to have been predominately hatchery fish as these catches coincided with timing of Solomon Gulch Hatchery stock returns (Brady et al.

1988). Catches in the Northern District peaked in mid-to-late August (Figure 19). In this instance, the catch coincided with the timing of hatchery returns to the Cannery Creek facility in Unakwik Inlet (Figure 1). Nearly 39% of the wild stock pink salmon escapement index in Prince William Sound occurred in the Eastern District (Figure 18).

The Prince William Sound gill net harvest of 807,670 pink salmon was small compared with the purse seine harvest of 25,404,776 fish (Table 1). The Coghill drift gill net fishery accounted for 88% of the gill net catch while 11% was taken in the set gill net fishery in the Main Bay Subdistrict of the Eshamy District (Table 18). The Eshamy fishery targeted on pink salmon returns to Main Bay Hatchery (Figure 1).

Subsistence harvest of pink salmon was very low. An estimated 30,488 pink salmon were caught by sport fishermen (Table 5) with most taken in salt water near Valdez and Whittier.

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TABLES AND FIGURES

Table 1. Commercial catches in 1987 by fishery, district, and species in the Copper/Bering River (C/BR) and Prince William Sound (PWS) areas. Based on final fish ticket summaries.

Fisheries/Districts/Subdistricts	District or Subdistrict	Catch by Species (nos. of fish)				
		Chinook	Sockeye	Coho	Pink	Chum
C/BR Drift Gill Net Fisheries:						
=====						
Bering River	200	34	16,926	15,864	54	7
Copper River	212	41,005	1,181,205	127,463	31,686	14,803
Total		41,039	1,198,131	143,327	31,740	14,810
PWS Drift Gill Net Fisheries:						
=====						
Unakwik	222-50	2	5,894	1	4,871	1,356
Coghill	223	352	377,454	13,396	712,897	318,842
Eshamy	225	2	642	3	3,225	7,060
Total		356	383,990	13,400	720,993	327,258
PWS Set Gill Net Fisheries:						
=====						
Eshamy	225	31	5,387	336	86,677	45,099
Total		31	5,387	336	86,677	45,099
PWS Purse Seine Fisheries:						
=====						
Eastern	221	191	22,268	6,761	6,964,549	843,084
Northern	222	56	30,116	1,730	2,226,988	364,725
Unakwik	222-50	0	146	0	187,752	6,549
Coghill	223	58	38,899	1,956	865,671	59,252
Northwestern	224	83	14,701	3,551	750,877	71,116
Southwestern	226	85	42,621	12,665	13,341,940	150,227
Montague	227	4	269	314	111,011	1,754
Southeastern	228	10	1,700	23	955,988	32,881
Total		487	150,720	27,000	25,404,776	1,529,588
PWS Hatchery Sales Harvests:						
=====						
Solomon Gulch	221-61	0	12	7,015	1,356,473	1,066
Cannery Creek	222-21	0	0	0	41,002	155
Esther	223-41	0	0	0	305,946	0
Armin F. Koernig	226-62	0	0	0	1,282,640	1,328
Total		0	12	7,015	2,986,061	2,549
=====						
Combined PWS Fisheries Totals:		874	540,109	47,751	29,198,507	1,904,494
Combined C/BR and PWS Fisheries Totals:		41,913	1,738,240	191,078	29,230,247	1,919,304

Table 2. Estimated age composition of sockeye salmon in the 1987 Copper/Bering River commercial drift gill net catches, based on age composition data from systematic, stratified catch sampling programs and catch data from final fish ticket summaries.

			Percent of Catch by Brood Year and Age Group									
			1984	1983		1982			1981		1980	
Districts	Sample Size	Total Catch	0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4
Copper River	5,306	1,181,205	0.2	7.1	5.2	0.0	0.1	82.1	0.4	0.3	4.6	0.0
Bering River	534	16,926	0.7	39.9	4.9	0.0	0.0	54.3	0.0	0.0	0.2	0.0

Table 3. Commercial sockeye salmon catch and effort in 1987 by district and fishing period for the Copper/Bering River area, based on final fish ticket summaries.

Week	Fishing			Copper River		Bering River ^a	
	Period	Dates	Hours	Effort ^b	Catch	Effort ^b	Catch
20	1	05/13-05/14	24	391	11,966		CLOSED
21	2	05/18-05/19	24	445	67,537		CLOSED
21	3	05/21-05/22	24	438	111,342		CLOSED
22	4	05/25-05/26	24	463	96,227		CLOSED
22	5	05/28-05/29	24	456	131,219		CLOSED
23	6	06/01-06/03	48	475	303,731		CLOSED
23	7	06/04-06/05	36	486	509		CLOSED
24	8	06/08-06/09	36	425	38,790		CLOSED
24	9	06/11-06/12	24	447	121,734		CLOSED
25	10	06/15-06/16	24	409	66,330	8	2,013
26	11	06/22-06/23	36	294	77,268	19	13,607
27	12	06/29-06/30	36	186	44,683	5	419
27	13	07/02-07/03	24	219	19,066	1	125
28	14	07/06-07/07	24	119	18,541	2	339
28	15	07/09-07/10	24	208	21,297	0	0
29	16	07/13-07/14	24	19	3,392	0	0
29	17	07/16-07/17	24	48	5,588	0	0
30	18	07/20-07/21	36	72	12,827	0	0
30	19	07/23-07/24	24	57	8,009	0	0
31	20	07/27-07/28	36	67	9,888	0	0
31	21	07/30-07/31	24	47	1,685	0	0
32	22	08/03-08/04	36	99	3,787	2	8
32	23	08/06-08/07	24	113	1,289	0	0
33	24	08/10-08/13	72	225	2,259	4	23
34	25	08/17-08/20	72	268	1,749	36	265
35	26	08/24-08/26	48	253	492	88	127
Total				6,729	1,181,205	165	16,926

a Includes only the waters west of Kayak Island. Waters to the east of Kayak Island are closed to commercial fishing.

b Number of permits reporting catches.

Table 4. Subsistence and personal use catches in 1987 by fishery and species for the Copper/Bering River (C/BR) and Prince William Sound (PWS) areas. Preliminary data based on incomplete permit returns.

Fisheries	Species			
	Chinook	Sockeye	Coho	Other ^a
C/BR Subsistence Fisheries:				
=====				
Upper Copper River - Fish Wheel ^b	541	22,286	104	
C/BR Drift Gill Net	49	359	14	88
<hr/>				
Total	590	22,645	118	88
C/BR Personal Use Fisheries:				
=====				
Upper Copper River - Dipnet ^d	2,704	39,573	391	^c
<hr/>				
Total	2,704	39,573	391	^c
<hr/>				
C/BR Subsistence and Personal Use Fisheries Total:	3,294	62,218	509	88
<hr/>				
PWS Subsistence Fisheries:				
=====				
Purse Seine	0	0	0	0
Drift Gill Net	0	15	0	16
Set Gill Net	5	16	6	0
<hr/>				
Total	5	31	6	16
<hr/>				
C/BR and PWS				
Subsistence and Personal Use Fisheries Total:	3,299	62,249	515	104

a Includes trout, whitefish, and other miscellaneous species.

b There were also a very small number of subsistence fish harvested in the upper Copper River by dip net; however, the reporting procedure did not enable us to enumerate the size of the subsistence dip net catch.

c Not reported.

d There were also a very small number of fish harvested for personal use in the upper Copper River by fish wheel; however, the current reporting procedure did not enable us to enumerate the size of the personal use fish wheel catch.

Table 5. Sport fish harvests and effort by fishery and species in the Copper River Basin, Copper River Delta/ Bering River (CD/BR) and Prince William Sound (PWS) areas, 1987, (Data provided by Mills, 1988)

Fisheries	Sport Fish Harvest by Species							
	Anglers	Trips	Days	Chinook	Sockeye	Coho	Pink	Chum
			Fished					
Upper Copper River:								
=====								
Gulkana River Float Fishing -								
(Paxson to Sourdough)	2,072	1,668	3,599	194	669	0	0	0
(Sourdough to Highway)	1,693	1,592	2,870	330	297	0	0	0
(Other)	6,646	8,213	10,885	1,107	2,736	0	0	0
Klutina River	3,790	4,195	6,305	495	1,085	78	0	0
Other Streams	2,452	2,601	3,095	126	0	242	0	0
Tolsona and Moose Lakes	884	505	1,204	0	0	0	0	0
Lake Louise	5,054	4,448	5,428	0	0	0	0	0
Lake Susitna	1,264	1,390	3,182	0	0	0	0	0
Paxson Lake	3,007	3,639	4,402	0	0	0	0	0
Van (Silver) Lake	1,188	1,339	2,855	0	0	0	0	0
Paxson Lake	3,007	3,639	4,402	0	0	0	0	0
Summit Lake	1,769	1,541	1,888	0	0	0	0	0
Crosswind Lake	708	632	1,204	0	0	0	0	0
Other Lakes	3,614	3,588	5,407	49	89	10	0	0
Total	37,148	38,990	56,726	2,301	4,876	330	0	0
CD/BR and PWS - Freshwater								
=====								
Eyak River	1,139	2,832	3,459	0	36	680	10	0
Eshamy Lake and Lagoon	739	616	739	0	453	0	194	0
Coghill River	985	523	985	0	417	10	252	0
Other Streams	2,646	3,109	4,670	0	398	1,931	341	136
Other Lakes	1,077	1,078	1,943		362	77	97	0
Total	6,586	8,158	11,796	0	1,666	2,698	894	136
CD/BR and PWS - Saltwater								
=====								
Valdez Bay	8,988	13,328	20,645	146	525	5,010	8,652	1,078
Passage Canal	4,094	5,602	8,439	78	1,159	1,554	2,039	194
Other - Boat	3,635	5,418	6,597	165	54	747	581	39
Valdez Bay - Shoreline	13,851	16,652	25,100	214	1,231	3,729	17,303	447
Other - Shoreline	2,340	3,788	7,358	19	254	2,359	1,913	0
Total	32,908	44,788	68,139	622	3,223	13,399	30,488	1,758
CD/BR and PWS - Total	39,494	52,946	79,935	622	4,889	16,097	31,382	1,894
Upper Copper River, CD/BR, and PWS - Total	76,642	91,936	136,661	2,923	9,765	16,427	31,382	1,894

Table 6. Salmon escapement and escapement indices by species and district in the Copper/Bering River and Prince William Sound areas, 1987.

Area: Districts	Statistical Area	Escapement by Species				
		Chinook	Sockeye	Coho	Pink	Chum
Copper/Bering River:						
=====						
Copper River -	212					
Upper Copper River ^a		b	484,534	b	b	b
Copper River Delta ^c			60,698	26,805	0	0
Bering River	200		26,605	5,605	0	0
Total			571,837	32,410	0	0
Prince William Sound:						
=====						
Eastern	221	d	e	d	514,570 ^f	183,620 ^f
Northern	222	d	e	d	132,960 ^f	38,700 ^f
Coghill	223	d	187,263	d	147,060 ^f	24,510 ^f
Northwestern	224	d	e	d	75,390 ^f	26,460 ^f
Eshamy	225	d	e	d	3,450 ^f	0 ^f
Southwestern	226	d	e	d	112,920 ^f	1,690 ^f
Montague	227	d	e	d	149,260 ^f	0 ^f
Southeastern	228	d	e	d	330,630 ^f	44,020 ^f
Total			187,263		1,466,240 ^f	319,000 ^f

a Estimated from hydroacoustical and test fishing data from the Miles Lake sonar project (Appendix C).

b The Miles Lake sonar project escapement estimate was for all species; however, the most abundant specie was sockeye salmon. Because the estimate of the portion of the escapement of other salmon species were not precisely known, the counts of chinook, coho, pink, and chum salmon were included in the estimate for sockeye salmon. Based on aerial survey data the escapement of pink, coho and chum salmon to the Upper Copper River was very small. The 1984 aerial surveys of salmon index streams indicate the chinook salmon escapement was strong.

c Based on periodic aerial surveys of salmon streams (Appendix D.1).

d Numerically insignificant and no estimates available.

e The only available estimate was from a weir operated at Coghill Lake. No weir was operated at Eshamy Lake in 1987 due to budget cuts. Other less important sockeye salmon escapements were infrequently assessed by aerial surveys (Appendix F).

f Based on adjusted aerial estimates of regularly surveyed streams (Appendix F.4).

Table 7. Estimated age composition of Copper River and Bering River sockeye salmon escapements, 1987.

System	Location	Sample Size	Total Escapement	Percent of Escapement by Brood Year and Age Group ^a											
				1985		1984		1983			1982			1981	
				0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Copper River: =====															
Upper Copper River	Miles Lake Sonar ^b	3,444	484,534	0.0	0.2	0.1	3.1	7.3	0.2	0.0	79.3	1.4	0.1	8.3	
Copper River Delta	Eyak Lake	762	9,395	0.0	0.3	0.4	7.5	9.1	0.0	0.2	82.0	0.0	0.3	0.2	
	McKinley Lake	687	10,302	0.0	3.5	0.9	18.5	46.9	0.0	0.0	30.0	0.2	0.0	0.0	
	27-Mile Slough	552	4,100	0.0	12.0	6.3	45.3	24.4	0.0	0.2	10.8	0.2	0.4	0.2	
	Ragged Point Lake	551	4,100	0.5	4.2	5.4	53.7	8.2	0.2	0.0	26.7	0.5	0.2	0.4	
	Martin Lake	599	6,010	0.5	5.3	4.5	18.2	24.0	0.0	0.0	47.0	0.0	0.0	0.5	
	Little Martin Lake	402	3,320	0.0	0.0	7.5	0.2	70.7	0.0	0.0	21.6	0.0	0.0	0.0	
	Tokun Lake	528	7,880	0.0	0.0	0.0	0.0	22.0	0.0	0.0	78.0	0.0	0.0	0.0	
	Martin River Slough	604	5,900	0.7	17.5	2.5	51.1	17.9	0.0	0.3	9.8	0.0	0.0	0.2	
39-Mile Creek	721	6,100	0.0	0.1	3.2	0.4	12.2	0.0	0.0	84.1	0.0	0.0	0.0		
	Delta Overall	5,406	57,107	0.2	4.2	2.6	18.9	25.1	t	0.1	48.6	0.1	0.1	0.1	
Bering River: =====															
	Bering Lake	772	19,200	0.0	0.4	0.0	9.3	11.9	0.1	0.0	78.1	0.1	0.0	0.1	
	Shepherd Creek	794	4,100	0.1	0.6	1.0	26.4	7.8	0.0	0.7	63.1	0.0	0.1	0.2	
	Kushtaka Lake	566	1,225	0.0	0.2	1.1	3.7	15.6	0.5	0.0	70.6	1.9	0.0	6.4	
	Bering River Overall	2,132	24,525	t	0.4	0.2	11.9	11.4	0.1	0.1	75.2	0.2	t	0.4	

a Trace (t) percentages were <0.05%, whereas percentages between 0.05% and 0.09% were rounded up to 0.1%. Due to rounding errors the fractions shown may or may not add to 100% until the fractions less than 0.05% are included.

b The samples from the subsistence and personal use fisheries at Chitina were used to estimate age composition of the upriver escapement enumerated at Miles Lake.

Table 8. Commercial 1987 chinook salmon catch and effort by district and fishing period for the Copper/Bering River area, based on final fish ticket summaries.

Week	Fishing			Copper River		Bering River ^a	
	Period	Dates	Hours	Effort ^b	Catch	Effort ^b	Catch
20	1	05/13-05/14	24	391	4,416		CLOSED
21	2	05/18-05/19	24	445	5,604		CLOSED
21	3	05/21-05/22	24	438	3,749		CLOSED
22	4	05/25-05/26	24	463	3,333		CLOSED
22	5	05/28-05/29	24	456	4,077		CLOSED
23	6	06/01-06/03	48	475	12,495		CLOSED
23	7	06/04-06/05	36	486	10		CLOSED
24	8	06/08-06/09	36	425	1,174		CLOSED
24	9	06/11-06/12	24	447	2,959		CLOSED
25	10	06/15-06/16	24	409	1,194	8	10
26	11	06/22-06/23	36	294	1,252	19	17
27	12	06/29-06/30	36	186	438	5	2
27	13	07/02-07/03	24	219	125	1	0
28	14	07/06-07/07	24	119	46	2	1
28	15	07/09-07/10	24	208	51	0	0
29	16	07/13-07/14	24	19	7	0	0
29	17	07/16-07/17	24	48	4	0	0
30	18	07/20-07/21	36	72	10	0	0
30	19	07/23-07/24	24	57	2	0	0
31	20	07/27-07/28	36	67	6	0	0
31	21	07/30-07/31	24	47	1	0	0
32	22	08/03-08/04	36	99	1	2	0
32	23	08/06-08/07	24	113	5	0	0
33	24	08/10-08/13	72	225	9	4	0
34	25	08/17-08/20	72	268	23	36	2
35	26	08/24-08/26	48	253	14	88	2
TOTAL				6,729	41,005	165	34

a Includes only the waters west of Kayak Island. Waters to the east of Kayak Island are closed to commercial fishing.

b Number of permits reporting catches.

Table 9. Estimated 1987 age composition of Copper/Bering River area chinook salmon commercial drift gill net catches, based on data from a systematic, stratified sampling program and the final fish ticket summary.

District	Statistical Area	Sample Size	Total Catch	Percent of Catch by Brood Year and Age Group							
				1983		1982		1981		1980	
				1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4
Copper River	212	2,576	41,005 ^a	2.8	0.0	46.8	0.0	46.4	2.3	0.5	1.1

a An additional 34 chinook salmon were caught incidentally in the Bering River District sockeye salmon fishery in 1987.

Table 10. Commercial coho salmon catch and effort in 1987 by district and fishing period for the Copper/Bering River area, based on final fish ticket summaries.

Week	Fishing			Copper River		Bering River ^a	
	Period	Dates	Hours	Effort ^b	Catch	Effort ^b	Catch
20	1	05/13-05/14	24	391	0		CLOSED
21	2	05/18-05/19	24	445	107		CLOSED
21	3	05/21-05/22	24	438	0		CLOSED
22	4	05/25-05/26	24	463	0		CLOSED
22	5	05/28-05/29	24	456	0		CLOSED
23	6	06/01-06/03	48	475	92		CLOSED
23	7	06/04-06/05	36	486	0		CLOSED
24	8	06/08-06/09	36	425	7		CLOSED
24	9	06/11-06/12	24	447	280		CLOSED
25	10	06/15-06/16	24	409	39	8	0
26	11	06/22-06/23	36	294	336	19	0
27	12	06/29-06/30	36	186	415	5	0
27	13	07/02-07/03	24	219	274	1	0
28	14	07/06-07/07	24	119	35	2	0
28	15	07/09-07/10	24	208	652	0	0
29	16	07/13-07/14	24	19	87	0	0
29	17	07/16-07/17	24	48	196	0	0
30	18	07/20-07/21	36	72	694	0	0
30	19	07/23-07/24	24	57	489	0	0
31	20	07/27-07/28	36	67	1,926	0	0
31	21	07/30-07/31	24	47	2,515	0	0
32	22	08/03-08/04	36	99	10,047	2	119
32	23	08/06-08/07	24	113	6,970	0	0
33	24	08/10-08/13	72	225	19,926	4	315
34	25	08/17-08/20	72	268	42,577	36	5,023
35	26	08/24-08/26	48	253	39,799	88	10,407
TOTAL				6,729	127,463	165	15,864

a Includes only the waters west of Kayak Island. Waters to the east of Kayak Island are closed to commercial fishing.

b Number of permits reporting catches.

Table 11. Estimated age composition of Copper/Bering River area coho salmon in 1987 commercial drift gill net catches, based on data from a systematic, stratified sampling program and the final fish ticket summaries.

District	Statistical Area	Sample Size	Total Catch	Percent of Catch by Brood Year and Age Group				
				1985	1984	1983	1982	1981
				0.1	1.1	2.1	3.1	4.1
Bering River	200	452	15,864	0.0	23.5	71.4	5.1	0.0
Copper River	212	955	127,463	0.3	33.0	60.7	5.9	0.1

Table 12. Commercial sockeye salmon catch and effort by district and fishing period for the Prince William Sound area, 1987. Catch data are from final fish ticket summaries.

Week	Dates	Gill Net Fisheries									Purse Seine Fisheries			Total PWS Catch
		Coghill Drift Gill Net			Unakwik Drift Gill Net			Eshamy Drift and Set Gill Net			General Purse Seine			
		Hours	Effort ^a	Catch	Hours	Effort ^a	Catch	Hours	Effort ^a	Catch	Hours	Effort ^a	Catch	
25	6/14-6/20	87.00	82.00	8,249	87	0	0	138	23	878	CLOSED			9,127
26	6/21-6/27	87.00	243.00	41,737	87	11	1,184	168	20	369	39	136	4,545	47,835
27	6/28-7/04	63.00	277.00	75,724	63	6	535	168	12	104	63	210	3,314	79,677
28	7/05-7/11	24.00	230.00	30,939	24	7	978	12	14	195	39	242	16,087	48,199
29	7/12-7/18	105.00	355.00	143,972	105	7	3,094	CLOSED			63	250	63,917	210,983
30	7/19-7/25	63.00	290.00	48,615	63	0	0	36	15	69	63	253	19,714	68,398
31	7/26-8/01	63.00	217.00	22,814	63	1	46	102	16	270	63	256	9,452	32,582
32	8/02-8/08	63.00	120.00	3,123	63	1	57	168	20	708	63	254	12,227	16,115
33	8/09-8/15	87.00	34.00	409	81	0	0	168	18	1,171	144	287	9,315	10,895
34	8/16-8/22	111.00	28.00	747	111	0	0	168	16	1,770	111	236	7,019	9,536
35	8/23-8/29	63.00	28.00	380	63	0	0	168	10	495	111	153	4,244	5,119
36	8/30-9/05	111.00	37.00	650	111	0	0	168	0	0	111	56	886	1,536
37	9/06-9/12	99.00	34.00	95	99	0	0	129	0	0	99	9	0	95
Total		1,026	1,975	377,454	1,020	33	5,894	1,593	164	6,029	969	2,342	150,720	540,097

a Number of permits reporting catches.

Table 13. Estimated age composition of the commercial sockeye salmon catches in the 1987 drift gill net and purse seine fisheries in Prince William Sound, based on age composition data from systematic, stratified sampling programs in each fishery and catch data from final fish ticket summaries.

Fishery/District	Statistical Area	Sample Size	Total Catch	Percent of Catch by Brood Year and Age Group									
				1984		1983			1982		1981		1980
				0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4
Drift Gill Net: =====													
Unakwik	222-50	640	5,894	0.0	0.0	0.5	2.3	0.0	84.9	0.5	1.3	10.3	0.2
Coghill	223	2,739	416,353 ^a	0.0	0.2	0.4	2.2	0.0	90.7	0.9	0.6	4.9	0.1
Purse Seine: =====													
Southwestern District ^b	226	2,337	42,621	0.0	1.2	0.2	32.5	0.4	47.0	13.1	0.0	5.4	0.1

a Includes 38,899 sockeye salmon caught in purse seines.

b Because virtually all of the General Purse Seine District sockeye sample was taken from the Southwestern District, only the Southwestern District sockeye samples were apportioned by age group.

Table 14. Estimated age composition of sockeye salmon in 1987 escapements in Prince William Sound, based on age composition data from systematic, stratified sampling of the daily escapement through a weir located on the outlet stream from this lake.

Sampling Location ^a	Sample Size	Total Escapement	Percent of Escapement by Brood Year and Age Group							
			1984		1983		1982		1981	
			1.1	1.2	1.3	2.2	1.4	2.3		
Coghill Lake	1,781	187,313	0.3	1.5	90.2	1.1	0.2	6.7		

a The Eshamy Lake weir was not operated in 1987 due to budget cuts.

Table 15. Weekly commercial catches of chum salmon by district and gear type in Prince William Sound, 1987. Catch data are from final fish ticket summaries.

Fisheries														
Week		Drift Gill Net			Set Gill Net	Purse Seine								Total PWS Catch
No.	Dates	Unakwik	Coghill	Eshamy	Eshamy	Eastern	Northern	Unakwik	Coghill	Northwestern	Southwestern	Montague	Southeastern	
25	6/14-6/20	0	17,534	1,293	5,451	closed	closed	0	closed	closed	closed	closed	closed	24,278
26	6/21-6/27	22	68,540	905	7,679	116,557	closed	0	closed	closed	closed	closed	closed	193,703
27	6/28-7/04	186	55,877	4,605	12,447	108,418	79,933	0	closed	closed	closed	closed	closed	261,466
28	7/05-7/11	381	42,895	0	9,754	138,976	83,395	0	7,254	closed	closed	closed	closed	282,655
29	7/12-7/18	714	73,689	closed	closed	186,249	93,757	0	40,514	42,004	closed	closed	6,579	443,506
30	7/19-7/25	0	25,183	82	3,015	45,623	33,300	1,952	3,256	12,484	20,658	1,145	15,120	161,818
31	7/26-8/01	18	20,184	27	1,433	36,359	37,431	865	535	6,293	11,607	25	9,164	123,941
32	8/02-8/08	35	8,327	26	3,212	closed	13,095	2,718	3,124	5,387	43,183	45	closed	79,152
33	8/09-8/15	0	2,056	86	887	127,835	14,881	582	3,286	1,154	46,431	529	0	197,727
34	8/16-8/22	0	1,745	14	931	48,890	7,565	432	1,198	370	21,410	10	436	83,001
35	8/23-8/29	0	657	22	290	19,787	1,368	0	82	2,553	5,452	0	1,582	31,793
36	8/30-9/05	0	1,824	0	0	11,099	0	0	3	871	1,486	0	0	15,283
37	9/06-9/12	0	331	0	0	3,291	0	0	0	0	0	0	0	3,622
Total		1,356	318,842	7,060	45,099	843,084	364,725	6,549	59,252	71,116	150,227	1,754	32,881	1,901,945

Table 16. Estimated age composition of chum salmon in the 1987 commercial catches in the Prince William Sound purse seine and gill net fisheries, based on age composition data from systematic, stratified sampling programs in each district and final catch data.

Fishery/District	Statistical Area	Sample Size	Total Catch	Percent of Catch by Brood Year and Age Group ^a				
				1985	1984	1983	1982	1981
				0.1	0.2	0.3	0.4	0.5
Purse Seine:								
=====								
Eastern	221	1,630	843,084	0.0	3.2	57.4	39.0	0.4
Northern	222	1,785	364,725	0.1	1.3	55.3	42.9	0.4
Northwestern	223	699	71,116	0.0	2.1	57.5	40.1	0.3
Southwestern	226	794	150,227	0.0	2.9	66.1	31.0	0.0
Southeastern	228	434	32,881	0.0	6.7	65.2	28.1	0.0
Total		5,342	1,462,033	t	2.7	58.0	39.0	0.3
Gill Net:								
=====								
Unakwik	222-50	NA	NA	NA	NA	NA	NA	NA
Coghill	223	958	378,093	0.0	1.2	71.7	26.8	0.3
Eshamy	225	2,607	52,159	0.0	0.4	50.5	48.2	0.9
Total		3,565	430,252	0.0	1.1	69.1	29.4	0.4

a Trace (t) percentages were <0.05% whereas percentages between 0.05% and 0.09% were rounded up to 0.1%. The fractions shown do not add up to 100% until the fractions less than 0.05% are included.

Table 17. Estimated hatchery contributions to pink salmon catches in the common property fisheries, hatchery cost recovery harvests, hatchery brood stock escapements, and total return of pink salmon, Prince William Sound, 1987.

Hatchery	Estimated 1987				
	1986 Fry Release	Common Property Commercial Catch ^a	Cost Recovery Harvest	Broodstock Escapement	Total Return
Solomon Gulch	54,700,000	3,500,000	1,356,473	300,000	5,156,000
Armin F. Koernig	113,000,000	5,986,000	1,282,640	390,000	7,649,000
Esther	34,400,000	2,429,000	305,946	300,000	3,035,000
Cannery Creek	56,200,000	1,782,000	41,002	300,000	2,123,000
Main Bay	32,700,000	328,000	NA	NA	328,000
Total	291,000,000	14,025,000	2,986,061	1,290,000	18,291,000

^a Estimates of the common property catch of pink salmon from the Solomon Gulch hatchery were based on commercial catch as reported on fish tickets from special openings in the SHA and regular openings in Valdez Arm and Port prior to July 17. Common property commercial catches from Cannery Creek, Armin F. Koernig, and Esther hatcheries were based on CWT recoveries (Brady et al. 1988).

Table 18. Weekly commercial catches of pink salmon by district and gear type in Prince William Sound, 1987. Catch data are from final fish ticket summaries.

Fisheries														
Week		Drift Gill Net			Set Gill Net	Purse Seine								Total PWS Catch
No.	Dates	Unakwik	Coghill	Eshamy	Eshamy	Eastern	Northern	Unakwik	Coghill	Northwestern	Southwestern	Montague	Southeastern	
25	6/14-6/20	0	2,179	151	49	closed	closed	0	closed	closed	closed	closed	closed	2,379
26	6/21-6/27	5	6,432	9	226	1,103,179	closed	0	closed	closed	closed	closed	closed	1,109,851
27	6/28-7/04	20	14,154	48	44	2,069,933	135,362	0	closed	closed	closed	closed	closed	2,219,561
28	7/05-7/11	116	12,586	0	74	1,243,059	73,077	0	10,489	closed	closed	closed	closed	1,339,401
29	7/12-7/18	3,869	171,788	closed	closed	498,524	200,298	1,159	209,615	149,319	closed	closed	154,218	1,388,790
30	7/19-7/25	0	130,261	335	1,700	408,673	178,123	5,465	29,066	128,221	729,724	64,866	374,987	2,051,421
31	7/26-8/01	95	129,023	89	6,254	516,131	356,483	4,017	27,923	149,490	1,290,800	1,442	356,391	2,838,138
32	8/02-8/08	766	61,807	441	27,455	closed	257,930	50,942	159,713	145,889	3,270,861	2,493	closed	3,978,297
33	8/09-8/15	0	45,240	1,402	23,529	773,830	381,428	44,055	260,982	64,533	3,885,502	39,926	0	5,520,427
34	8/16-8/22	0	63,879	502	22,258	288,132	496,956	82,114	157,889	37,960	2,748,034	2,284	29,834	3,929,842
35	8/23-8/29	0	25,143	248	5,088	58,275	146,392	0	9,245	63,563	1,092,250	0	40,558	1,440,762
36	8/30-9/05	0	45,501	0	0	4,795	939	0	749	11,902	316,410	0	0	380,296
37	9/06-9/12	0	4,904	0	0	18	0	0	0	0	8,359	0	0	13,281
Total		4,871	712,897	3,225	86,677	6,964,549	2,226,988	187,752	865,671	750,877	13,341,940	111,011	955,988	26,212,446

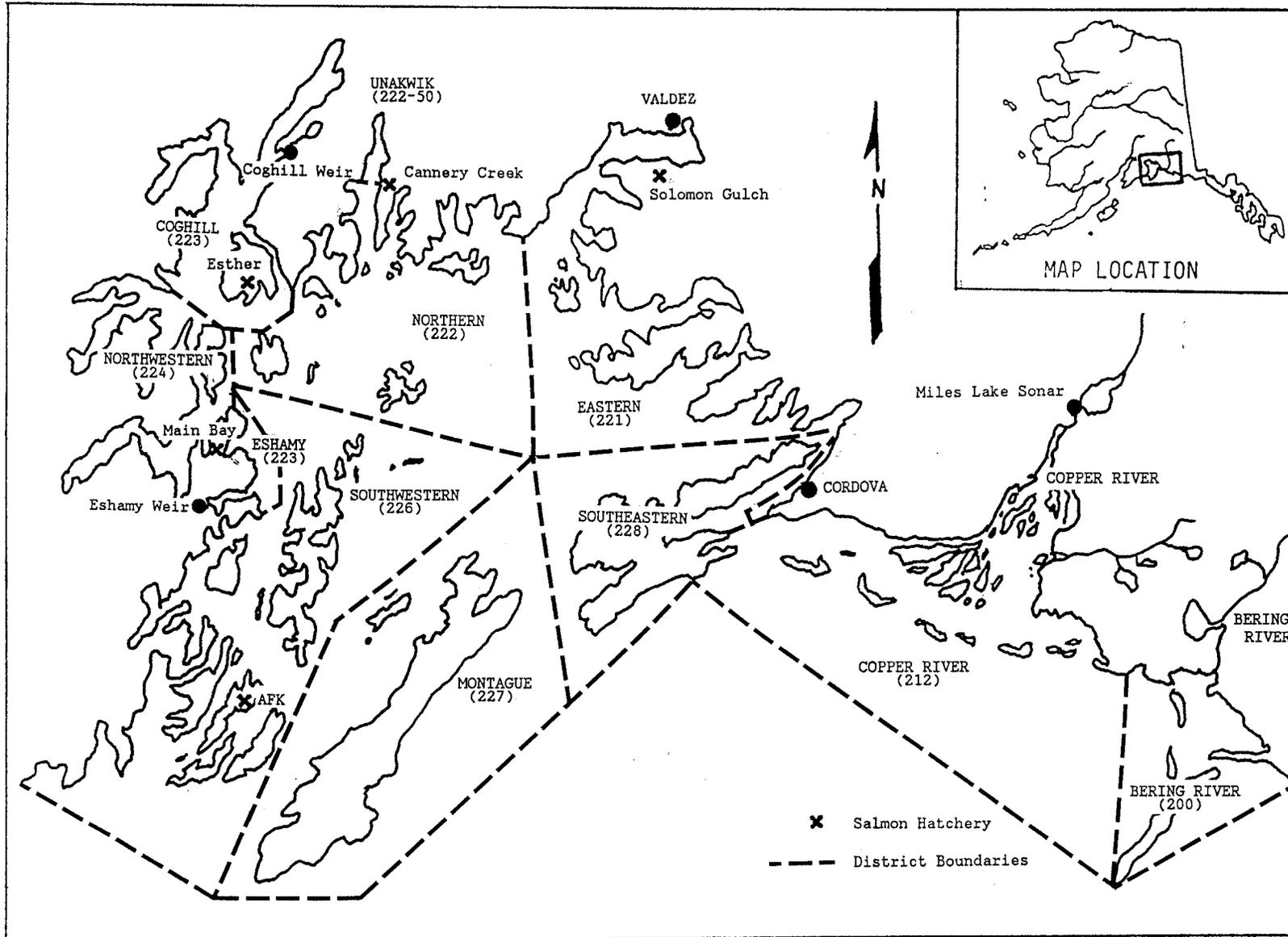


Figure 1. Map of the Prince William Sound area showing commercial fishing districts, salmon hatcheries, weir locations, and the Miles Lake sonar site.

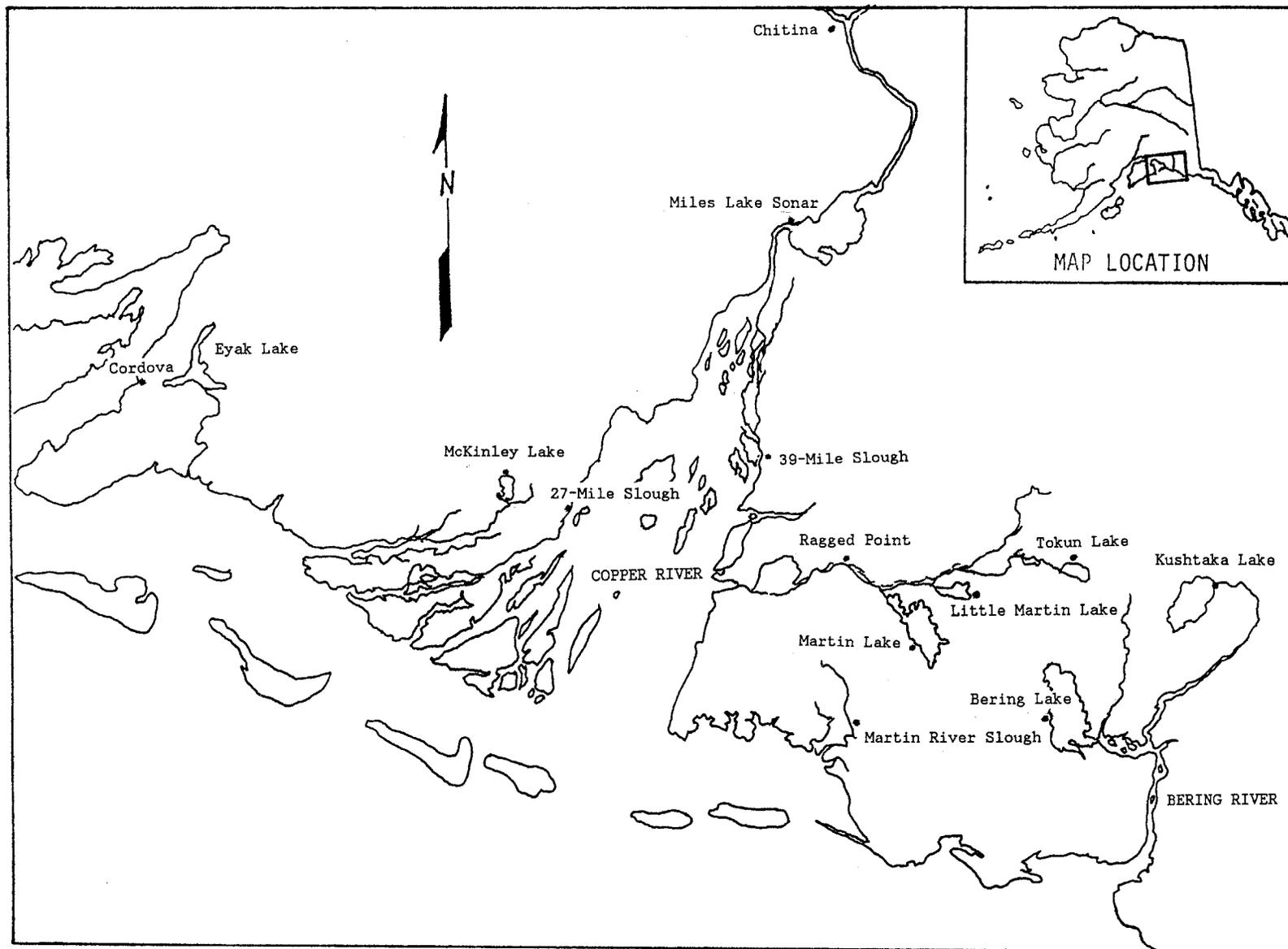


Figure 2. Major spawning areas for stocks which contribute to the Copper River and Bering River commercial salmon fisheries.

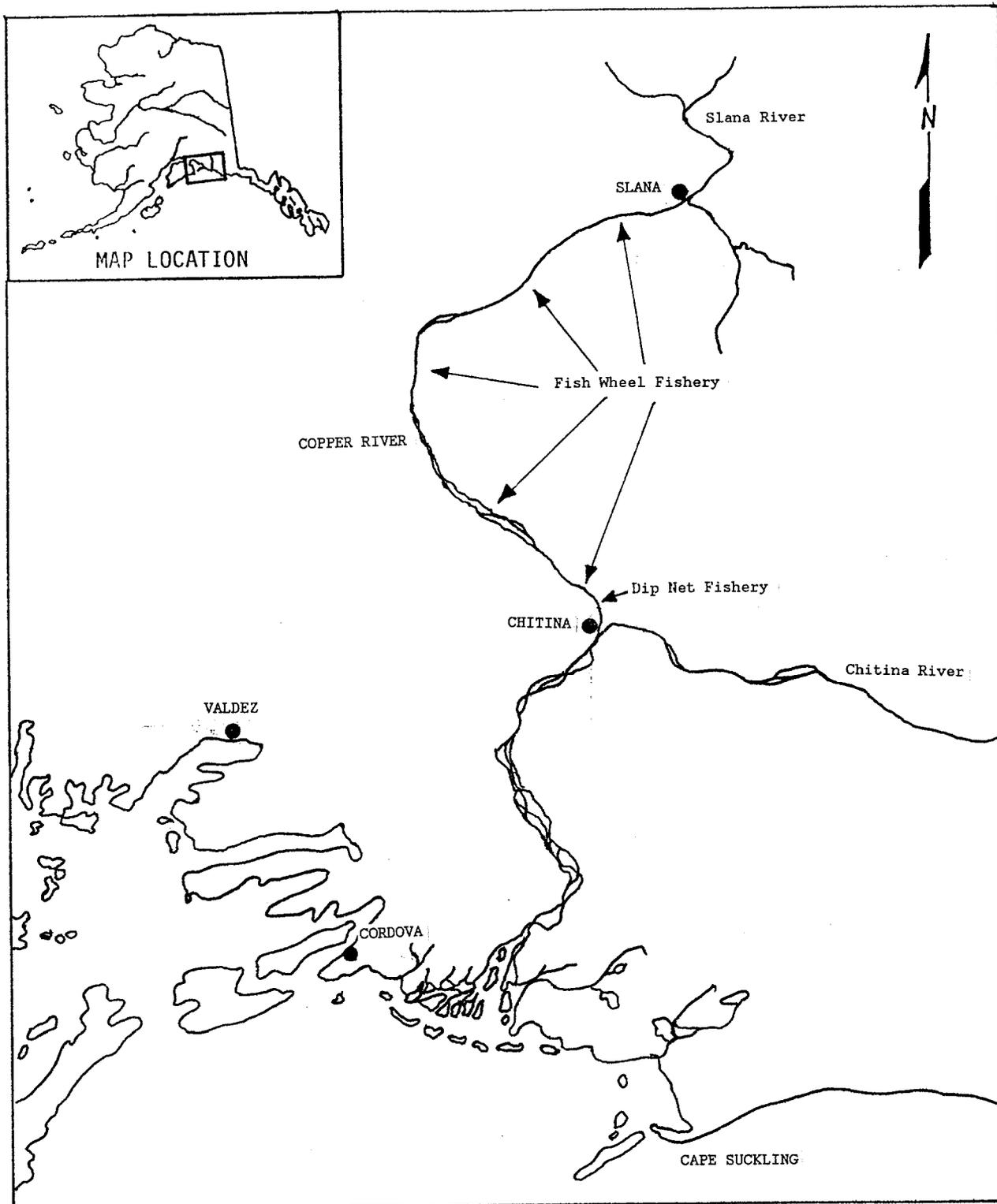


Figure 3. The location of the personal use dip net fishery at Chitina and the subsistence fish wheel fishery which extends from Chitina to Slana along the upper Copper River.

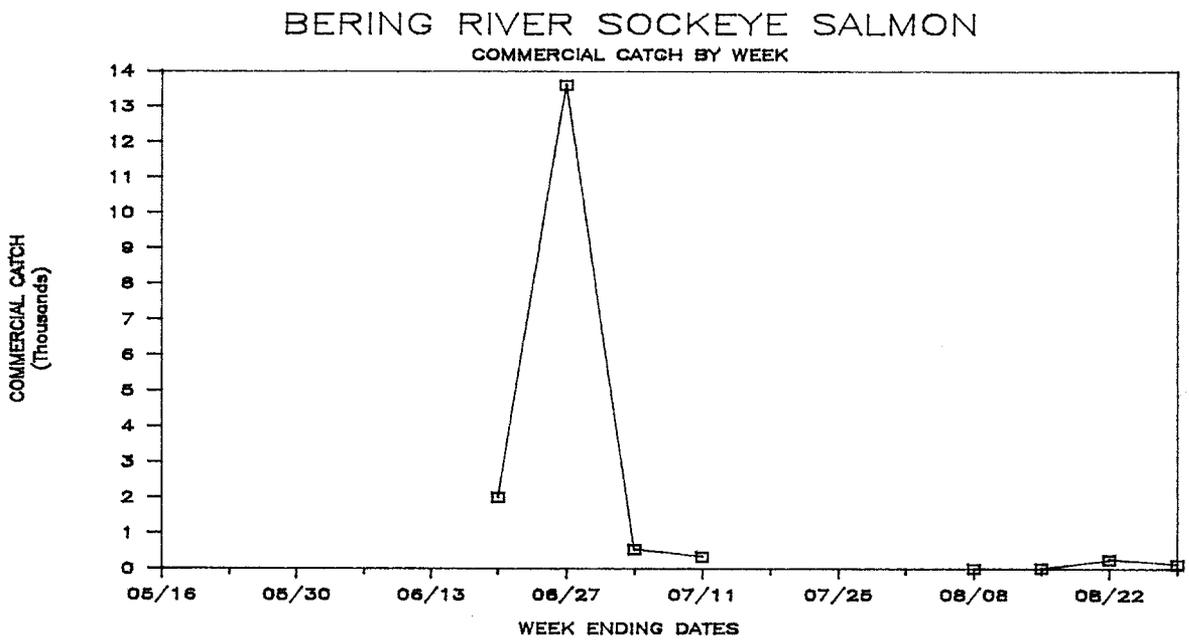
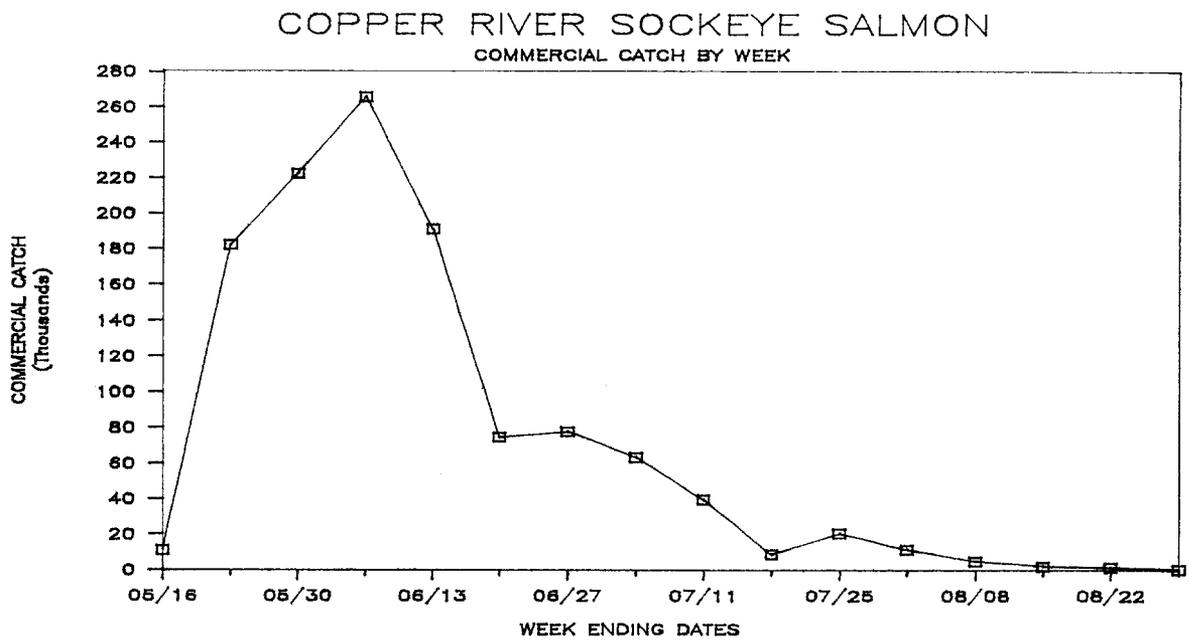
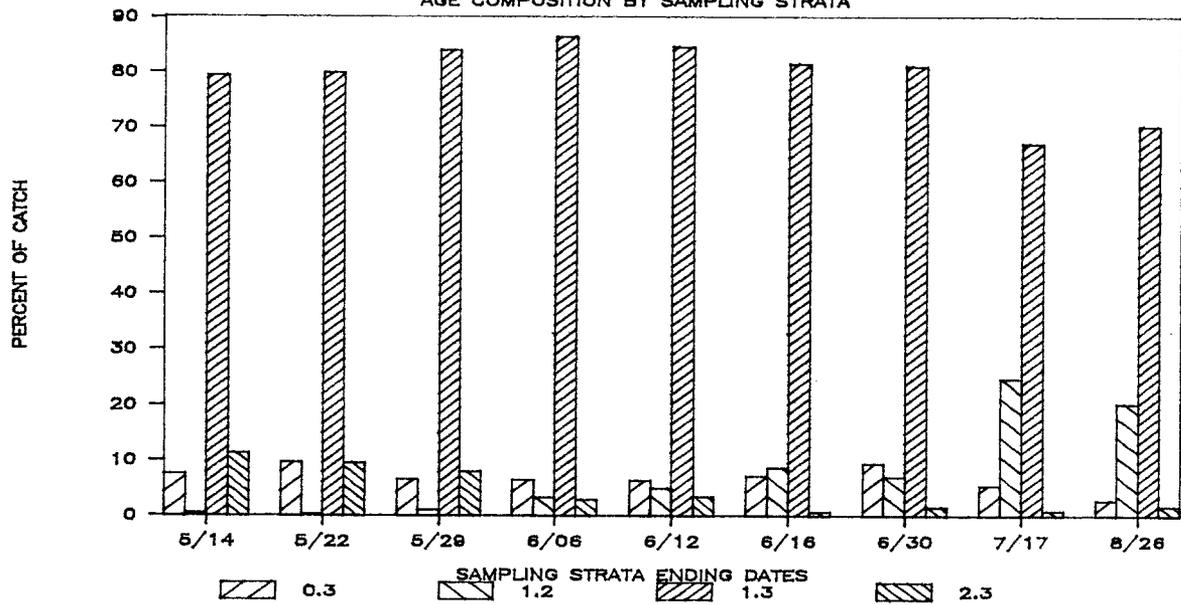


Figure 4. Weekly sockeye salmon commercial catches from the drift gill net fisheries of the Copper River and Bering River Districts, 1987.

COPPER RIVER SOCKEYE SALMON

AGE COMPOSITION BY SAMPLING STRATA



BERING RIVER SOCKEYE SALMON

AGE COMPOSITION BY SAMPLING STRATA

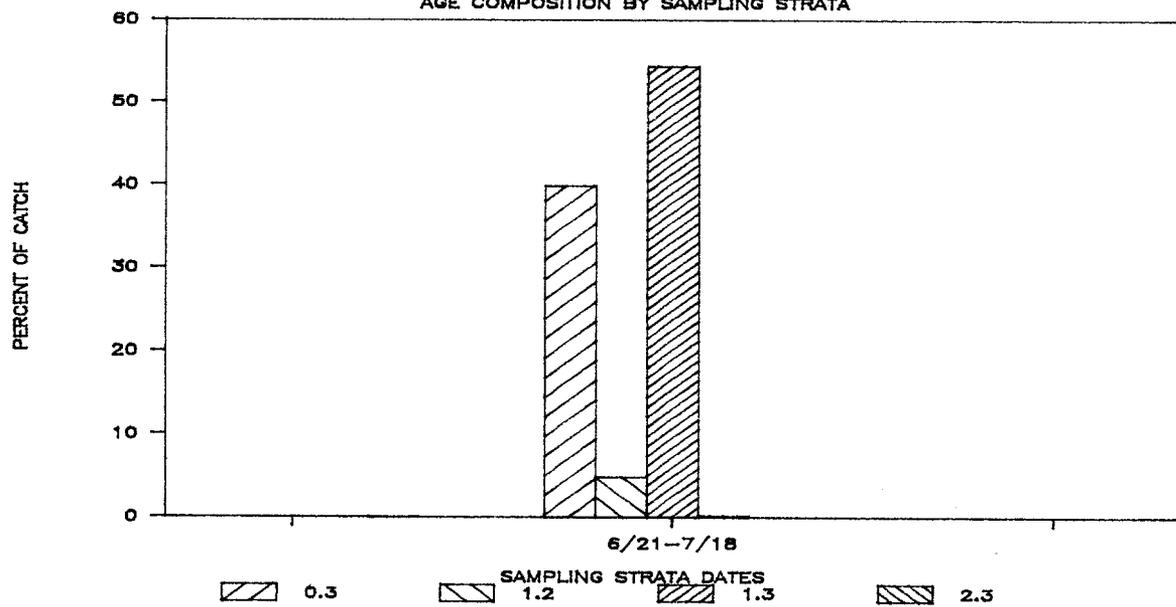
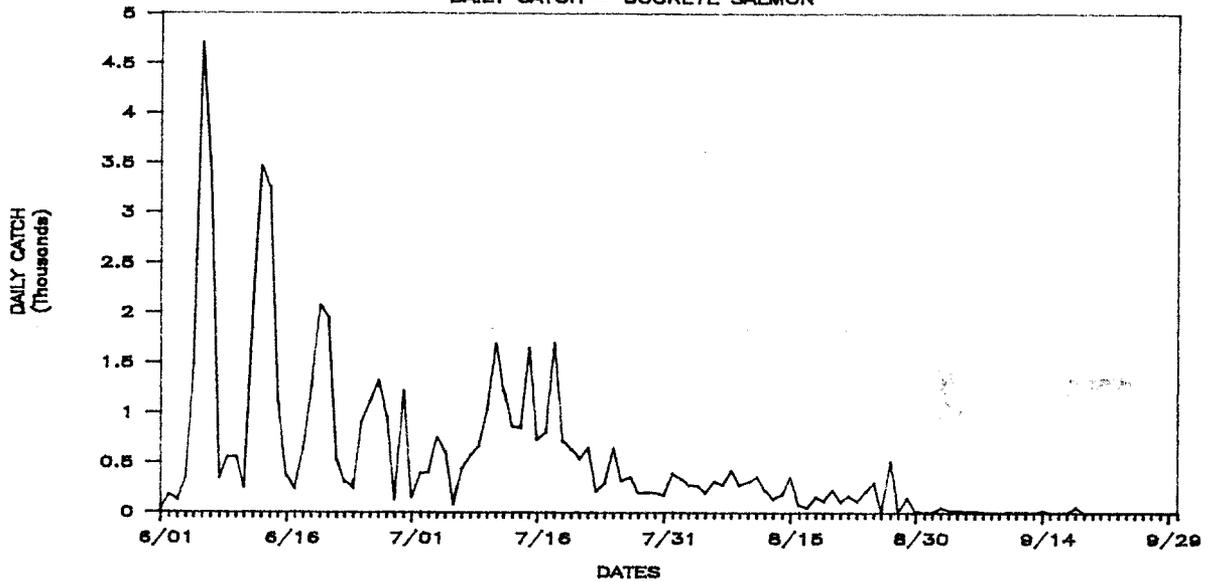


Figure 5. Temporally stratified age composition of sockeye salmon from the drift gill net fisheries in the Copper River and Bering River Districts, 1987.

UPPER COPPER RIVER FISHERIES COMBINED
DAILY CATCH - SOCKEYE SALMON



UPPER COPPER RIVER FISHERIES COMBINED
AGE COMPOSITION BY SAMPLING STRATA

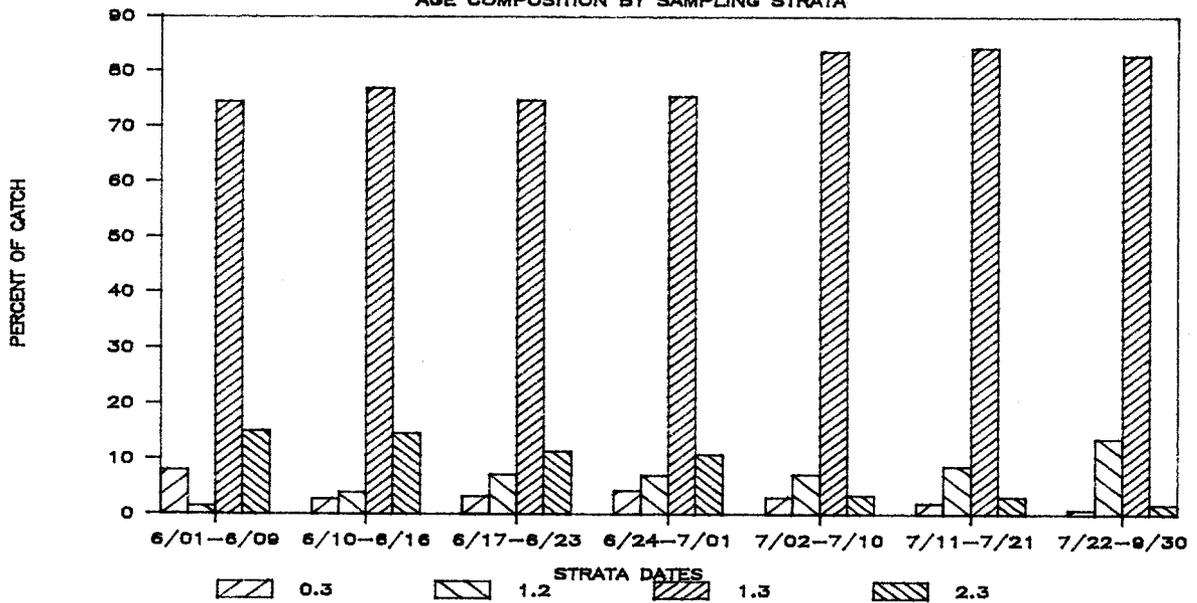


Figure 6. Daily sockeye salmon catch in the combined subsistence and personal use fisheries on the upper Copper River and the temporally stratified age composition of those catches, 1987.

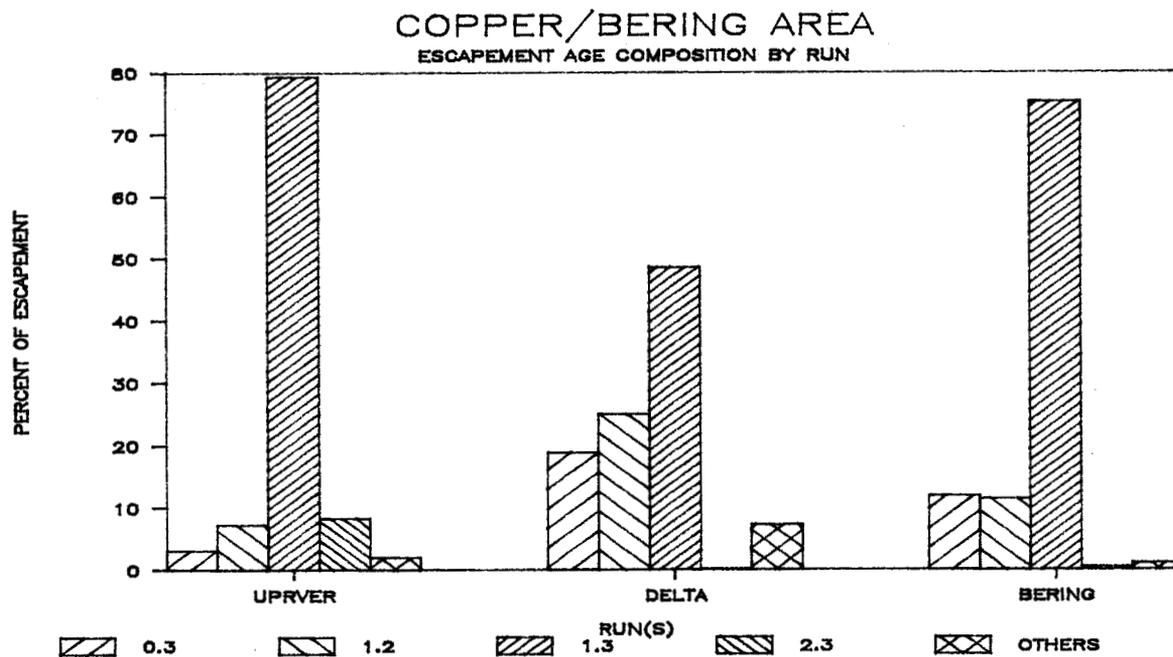
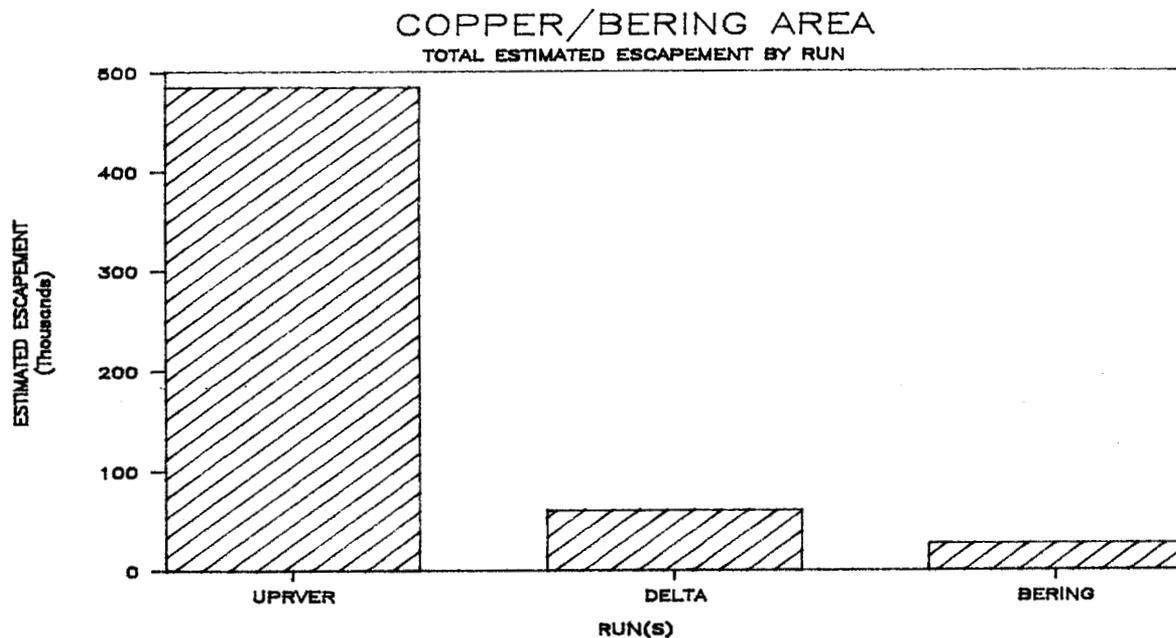
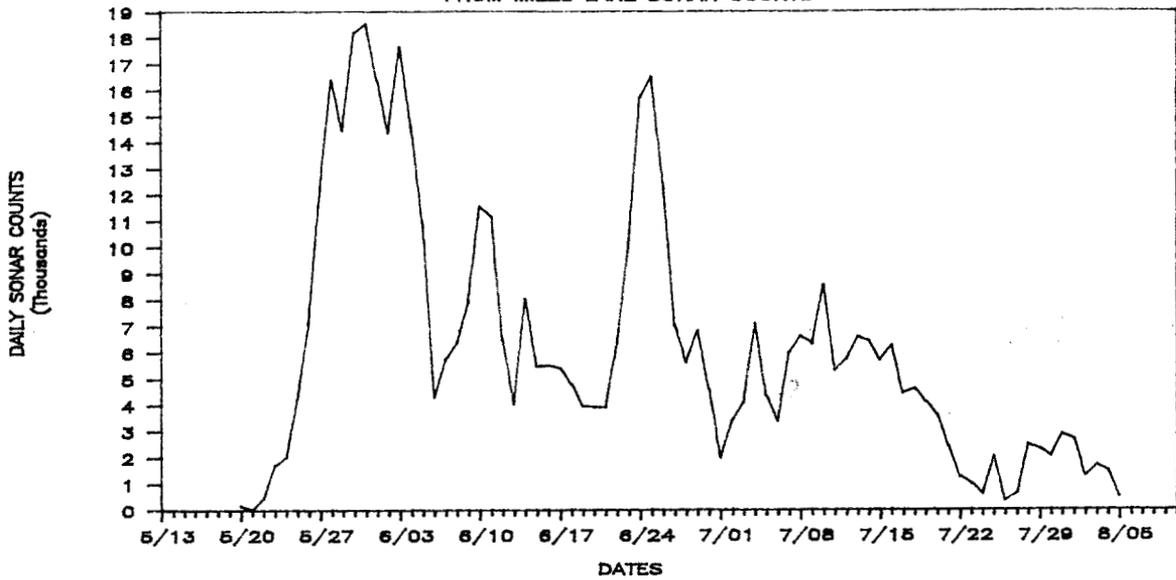


Figure 7. Sockeye salmon escapement to the upper Copper River, escapement indices for the Copper River delta and Bering River, and the estimated age composition of those escapements, 1987. The upriver escapement is from hydroacoustic enumeration at the Miles Lake sonar project and the coastal escapements are based on data from periodic aerial surveys.

DAILY UPRIVER SOCKEYE SALMON ESCAPEMENT
FROM MILES LAKE SONAR COUNTS



UPRIVER SOCKEYE SALMON ESCAPEMENT
AGE COMPOSITION BY SAMPLING STRATA

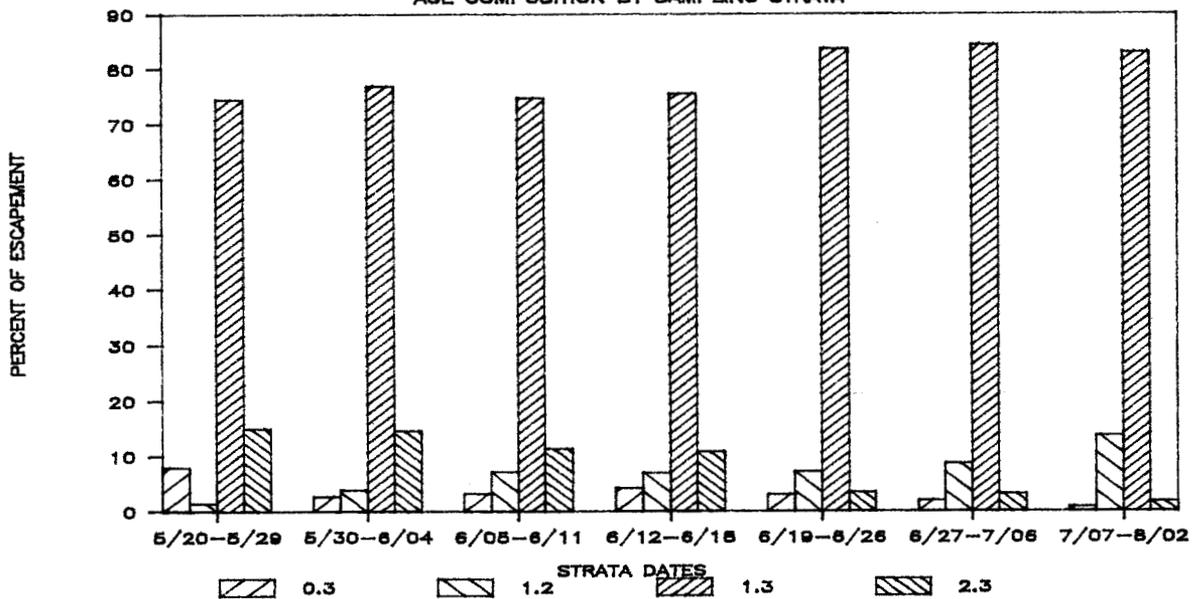
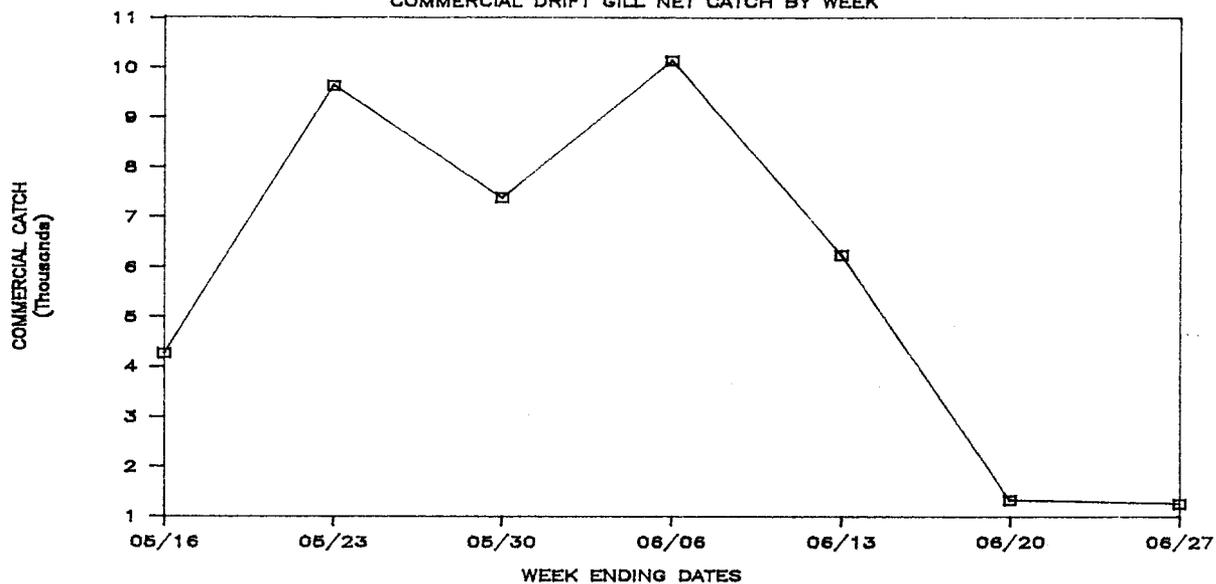


Figure 8. Daily counts of the sockeye salmon escapement to the upper Copper River past the Miles Lake sonar project and the temporally stratified age composition of that escapement, 1987.

COPPER RIVER DISTRICT CHINOOK SALMON
COMMERCIAL DRIFT GILL NET CATCH BY WEEK



COPPER RIVER DISTRICT CHINOOK SALMON
AGE COMPOSITION BY SAMPLING STRATA

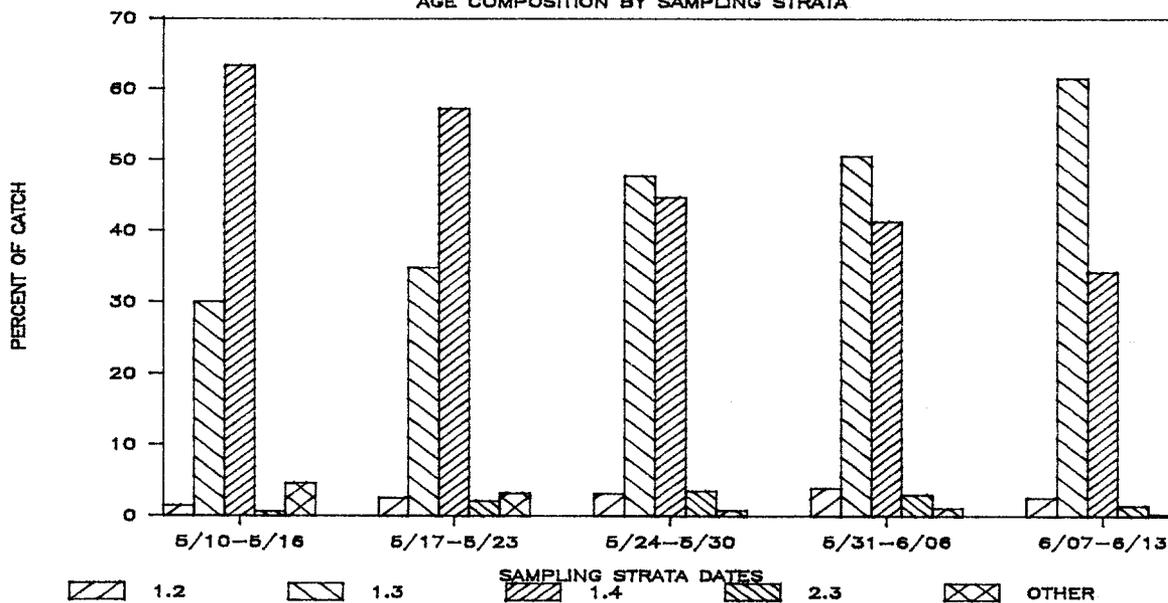
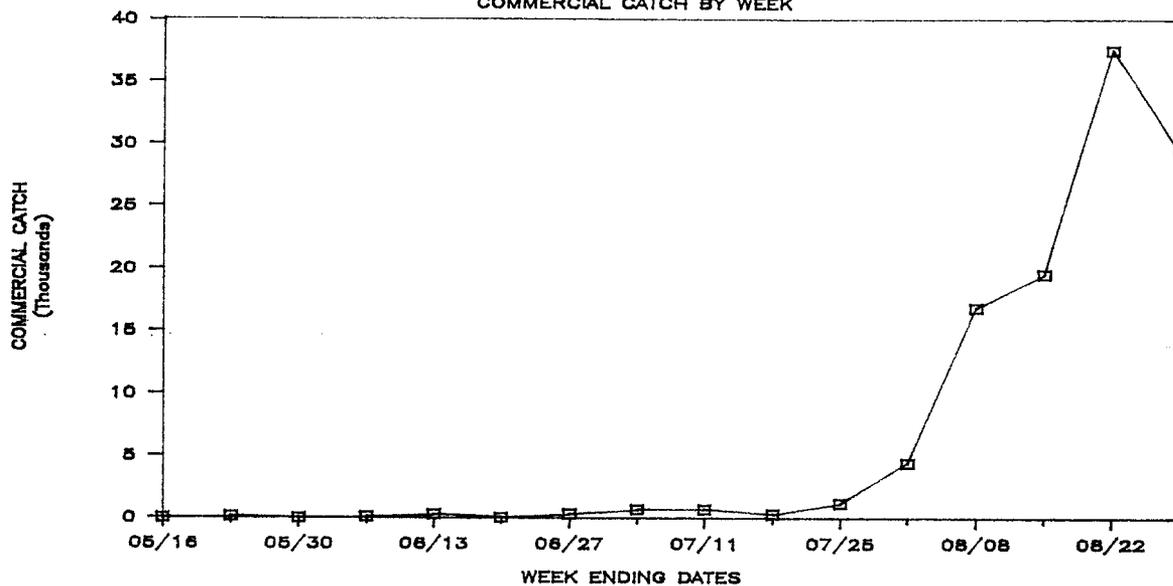


Figure 9. Weekly commercial chinook salmon catches from the Copper River District drift gill net fishery and the temporally stratified age composition of those catches, 1987.

COPPER RIVER COHO SALMON

COMMERCIAL CATCH BY WEEK



BERING RIVER COHO SALMON

COMMERCIAL CATCH BY WEEK

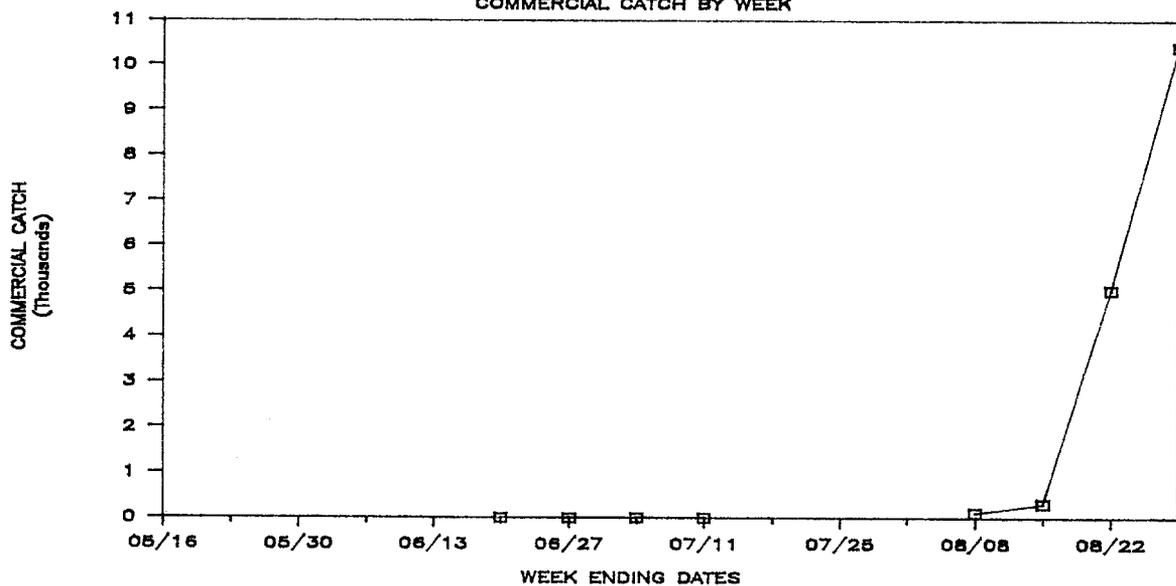


Figure 10. Weekly commercial coho salmon catches from the drift gill net fisheries of the Copper River and Bering River Districts, 1987.

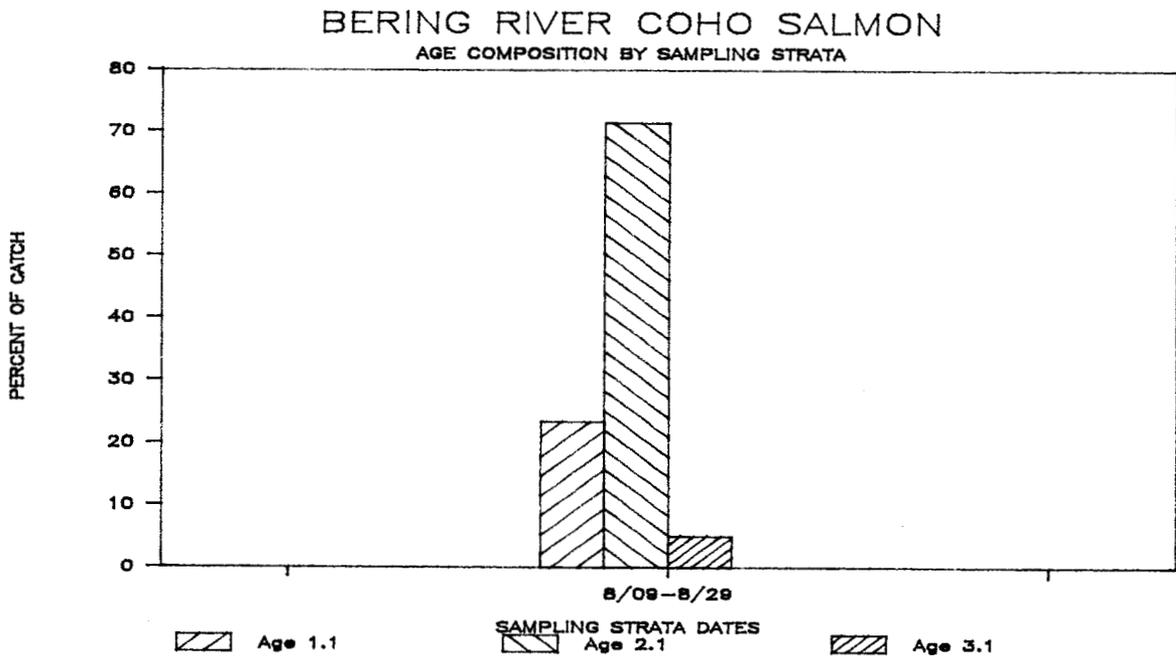
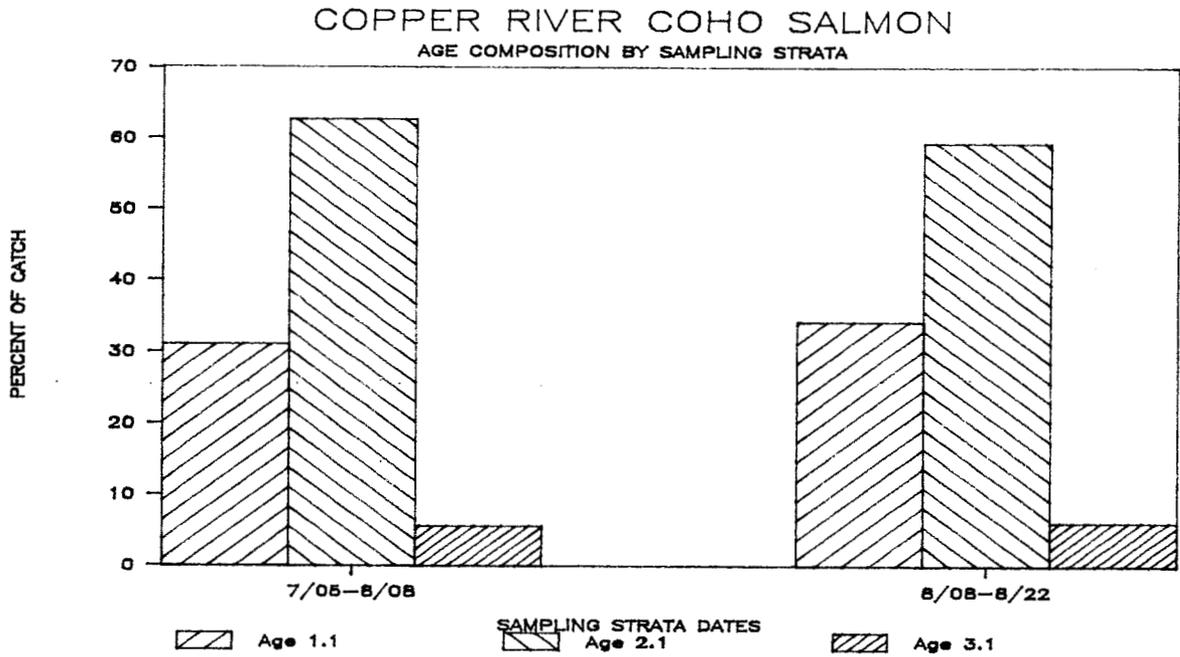


Figure 11. Temporally stratified age composition of coho salmon from the drift gill net fisheries in the Copper River and Bering River Districts, 1987.

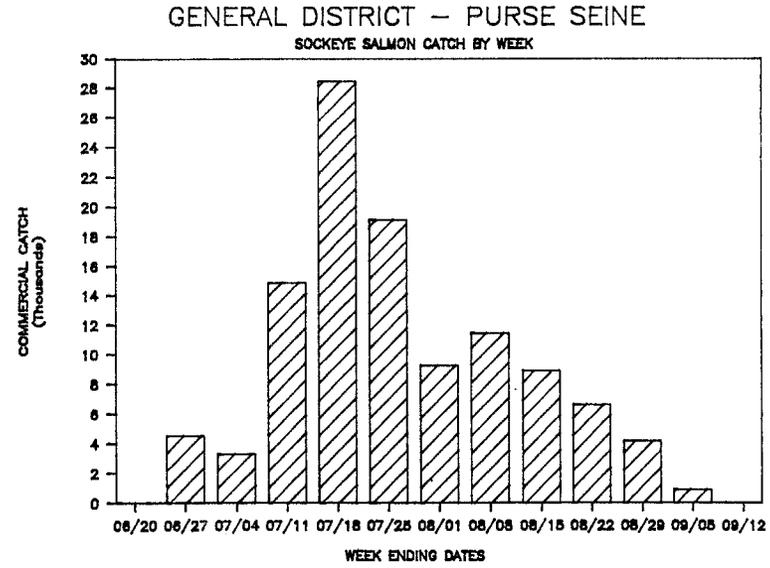
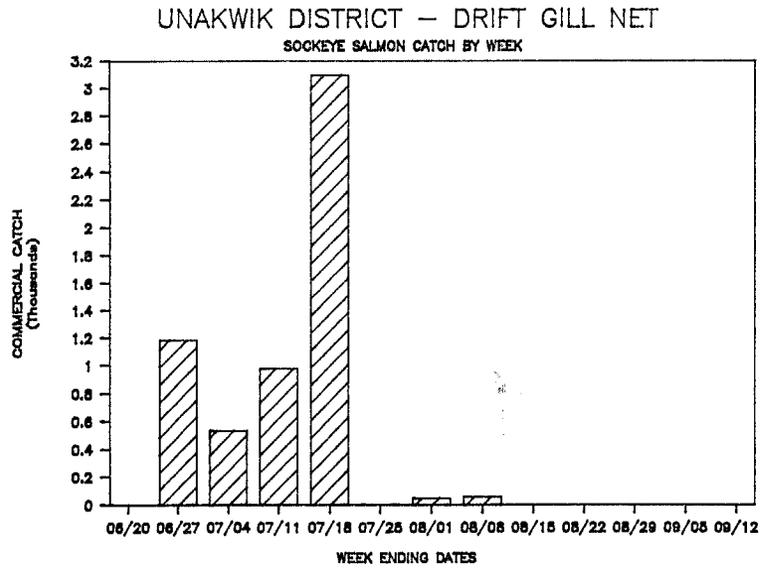
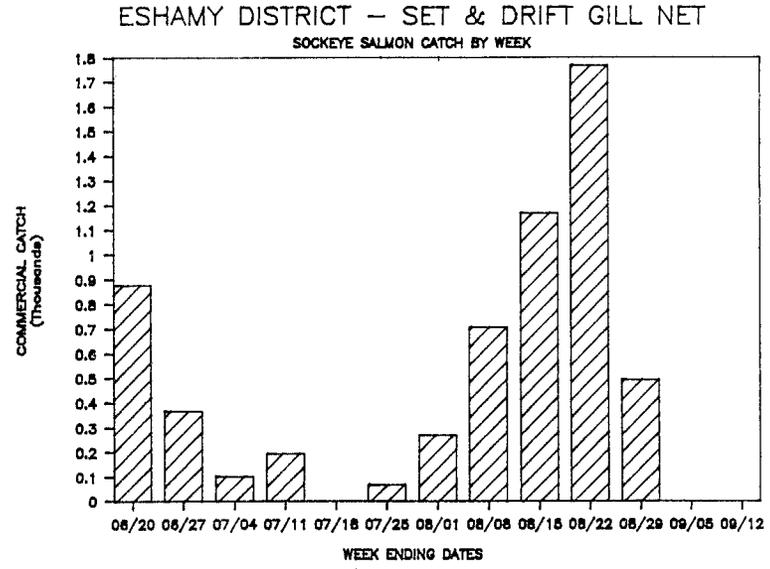
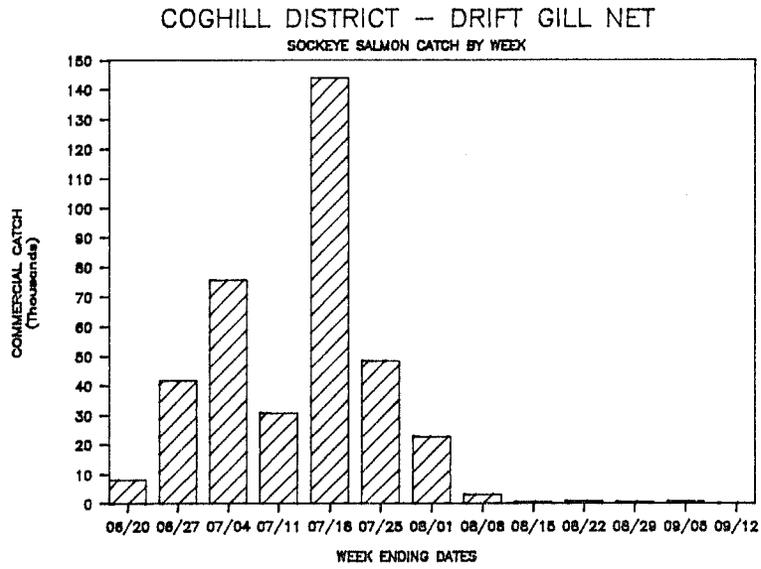


Figure 12. Weekly commercial sockeye salmon catches from the Coghill, Unakwik, and Eshamy gill net fisheries and from the combined purse seine fisheries of Prince William Sound, 1987.

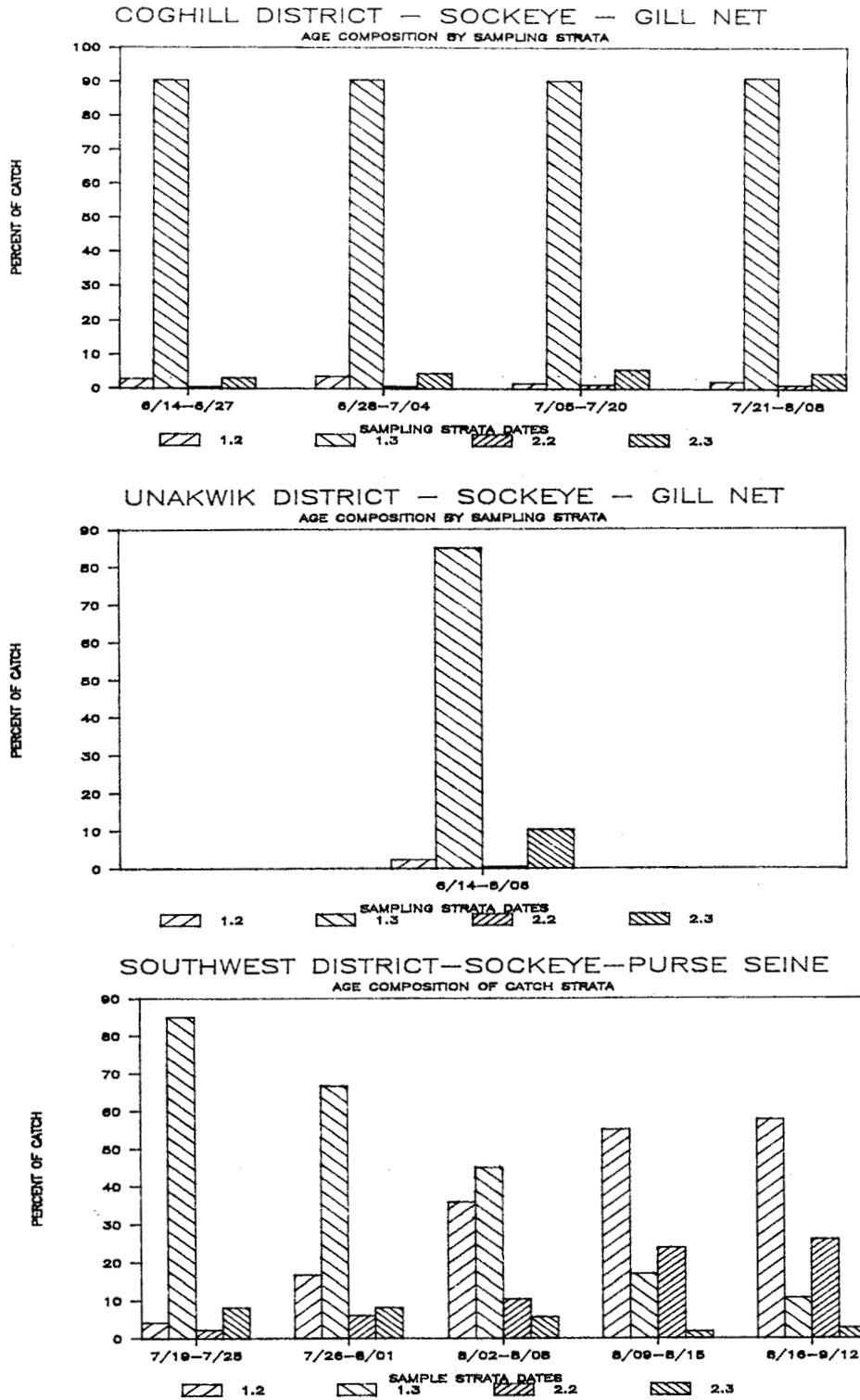


Figure 13. Temporally stratified age composition of commercial sockeye salmon catches from the Coghill and Unakwik gill net fisheries and from the Southwestern District purse seine fishery, Prince William Sound, 1987.

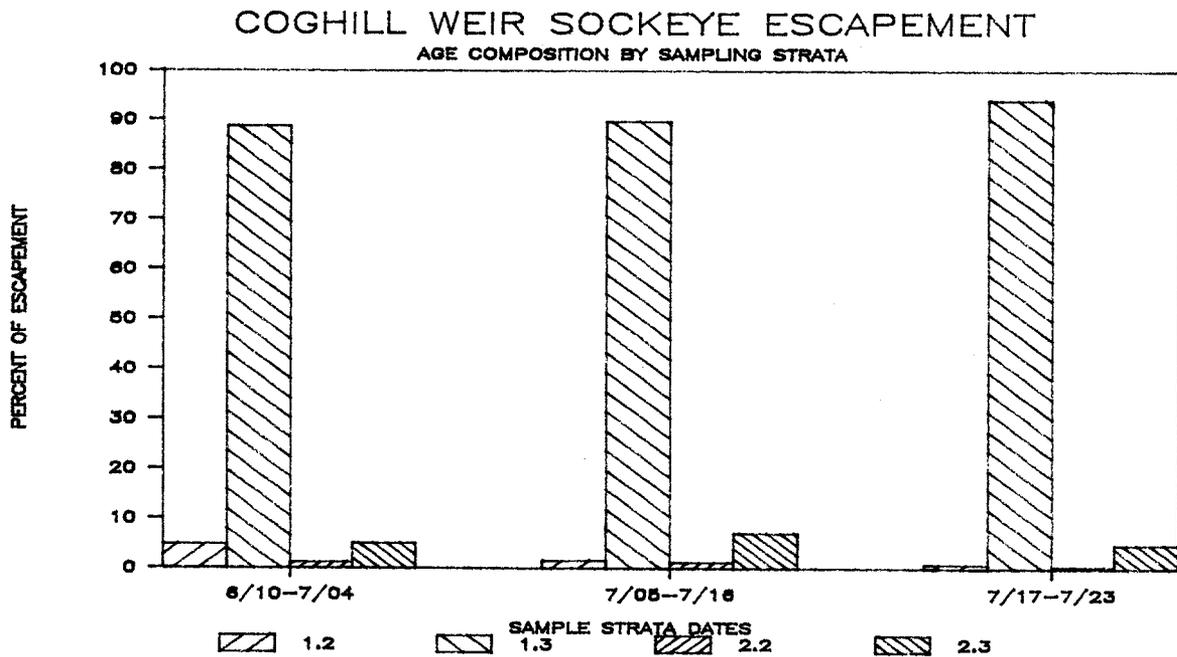
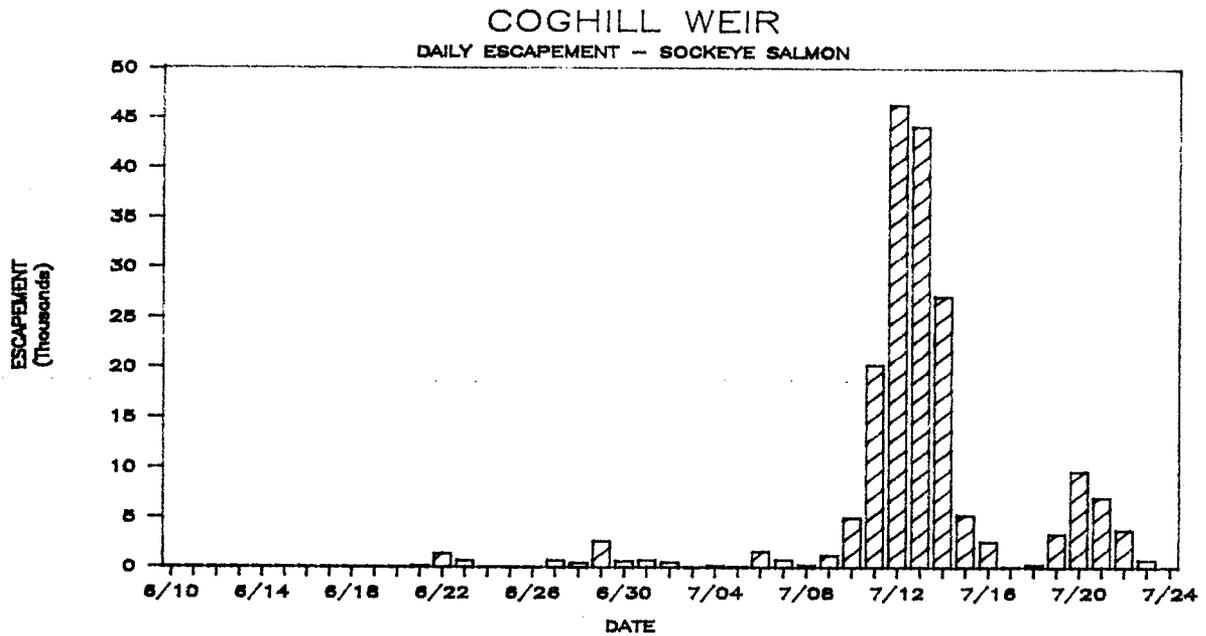


Figure 14. Daily sockeye salmon escapement through the weir downstream of Coghill Lake and the temporally stratified age composition of that escapement, Prince William Sound, 1987.

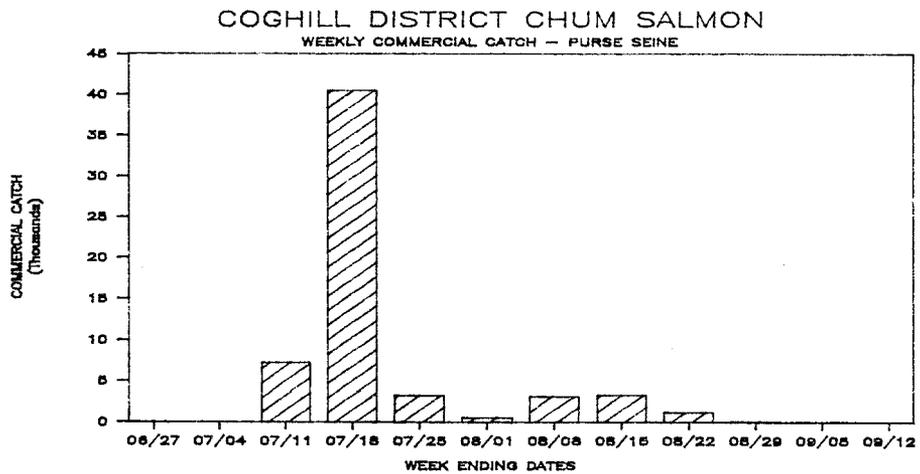
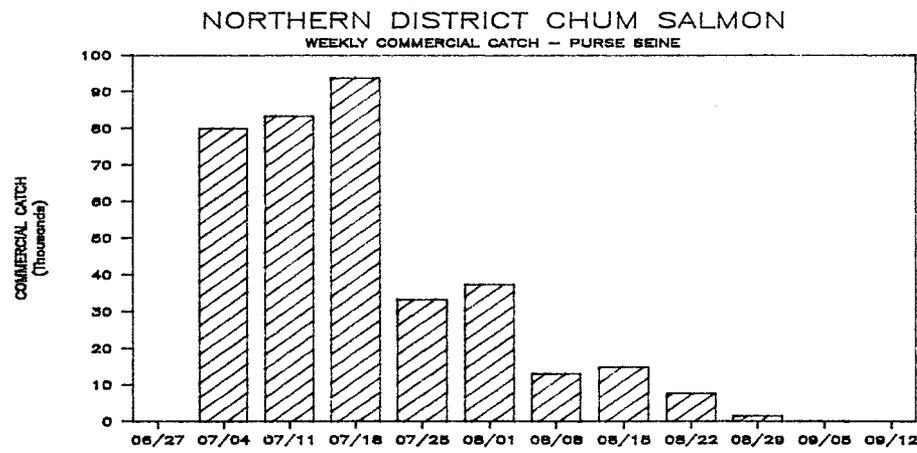
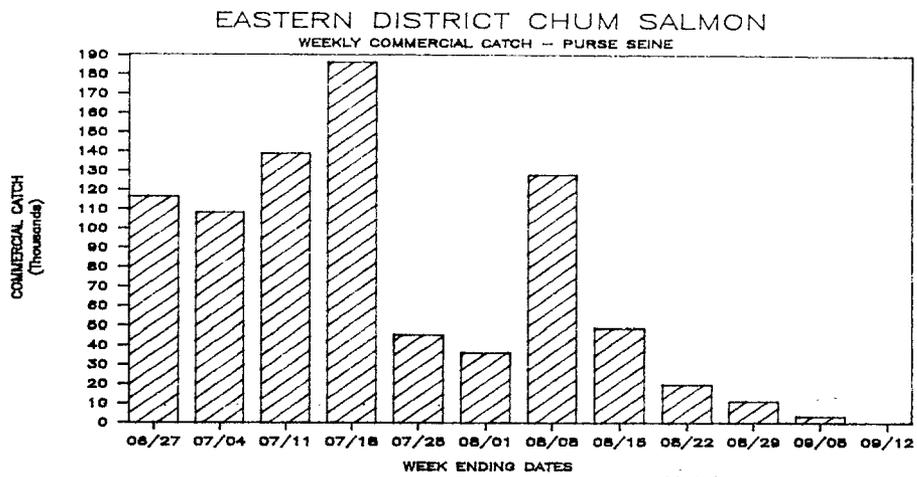


Figure 15. Weekly commercial chum salmon catches from the six most important purse seine districts, Prince William Sound, 1987.

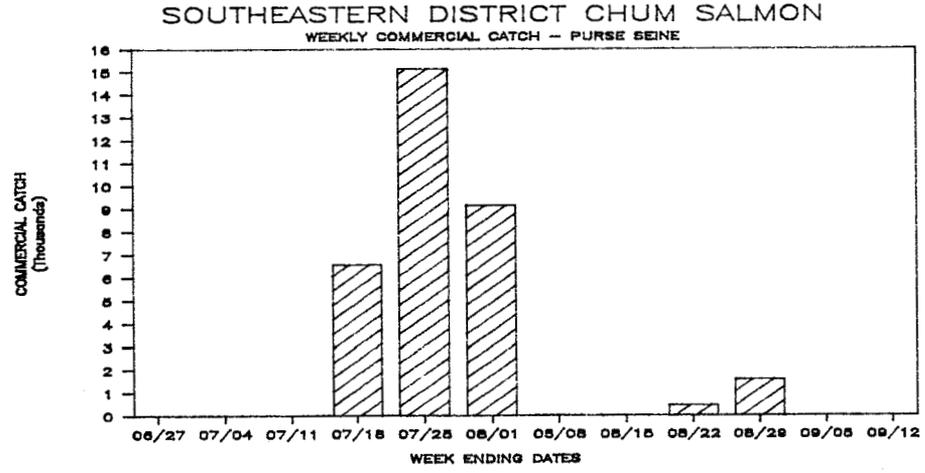
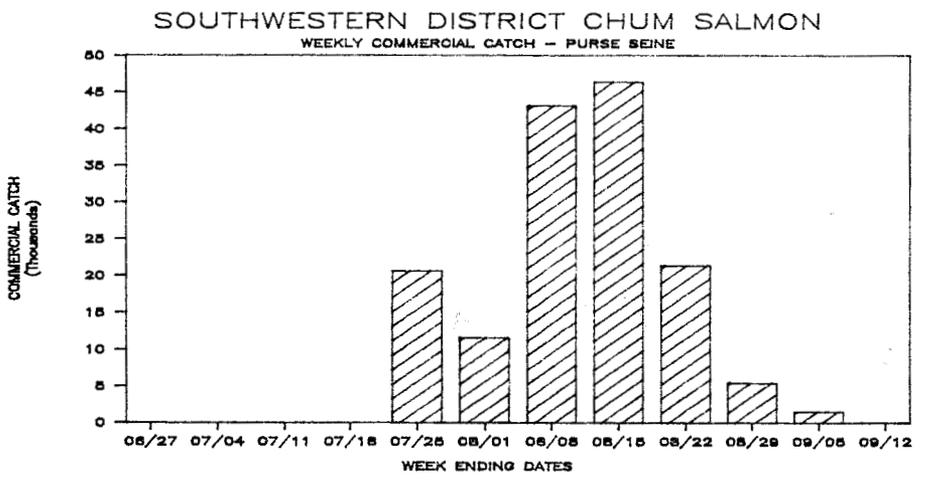
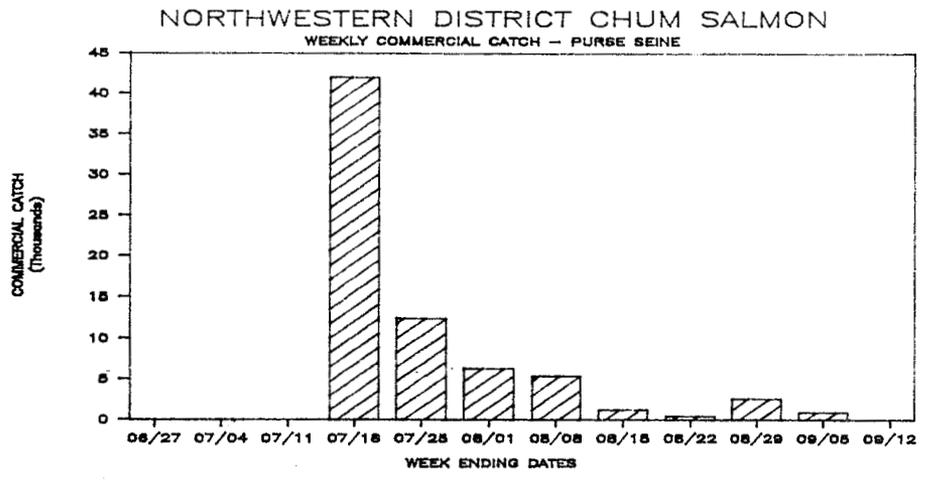


Figure 15. (page 2 of 2)

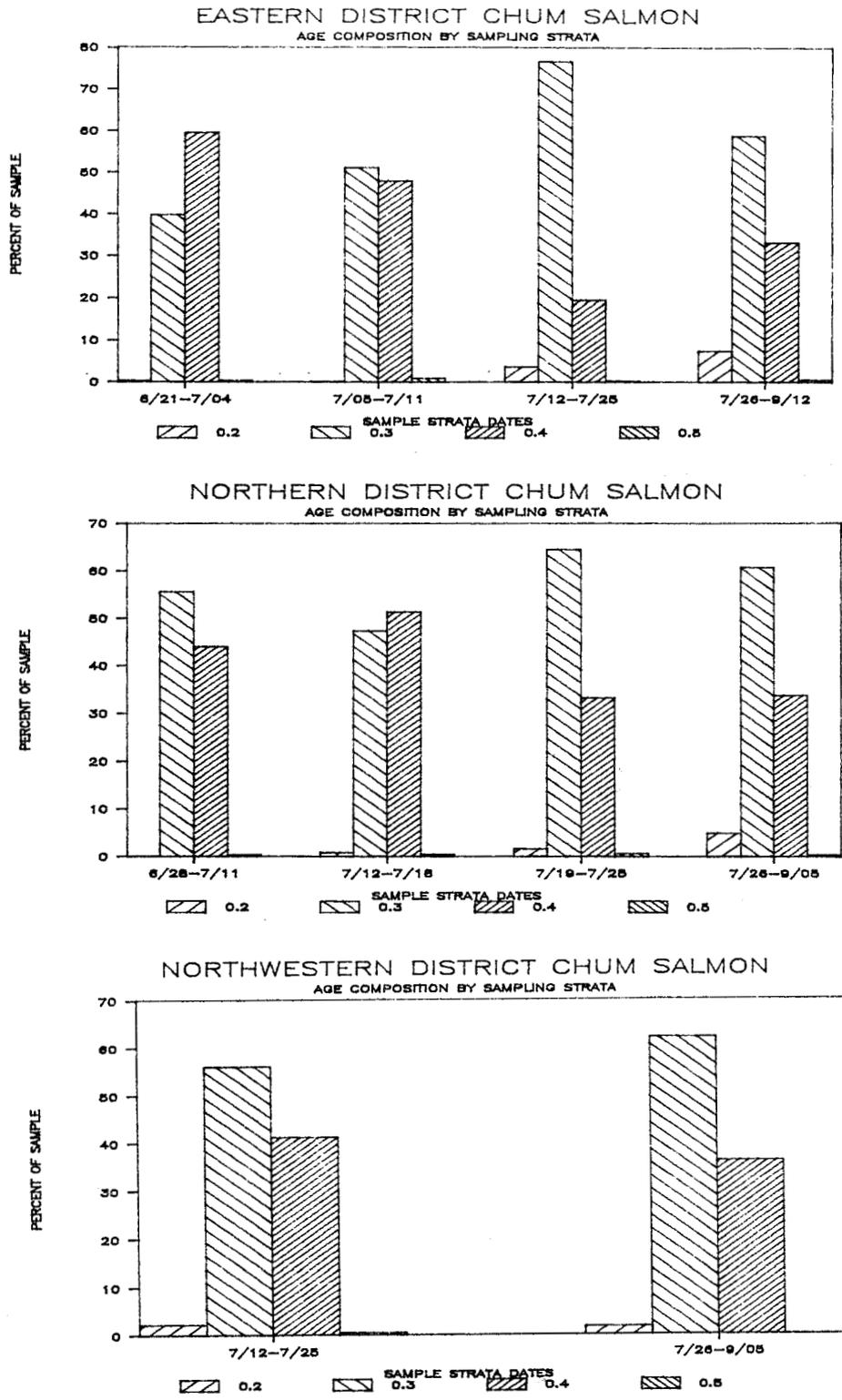


Figure 16. Temporally stratified age composition of chum salmon from five of the most important purse seine districts, Prince William Sound, 1987.

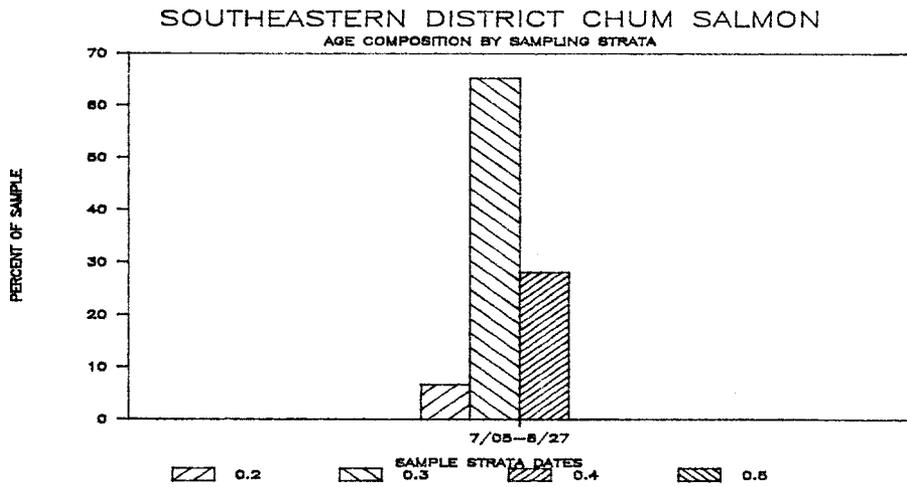
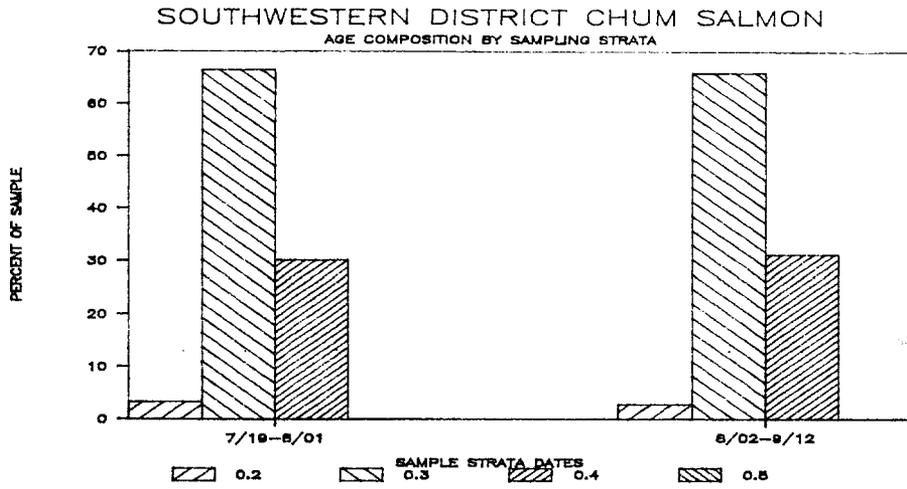
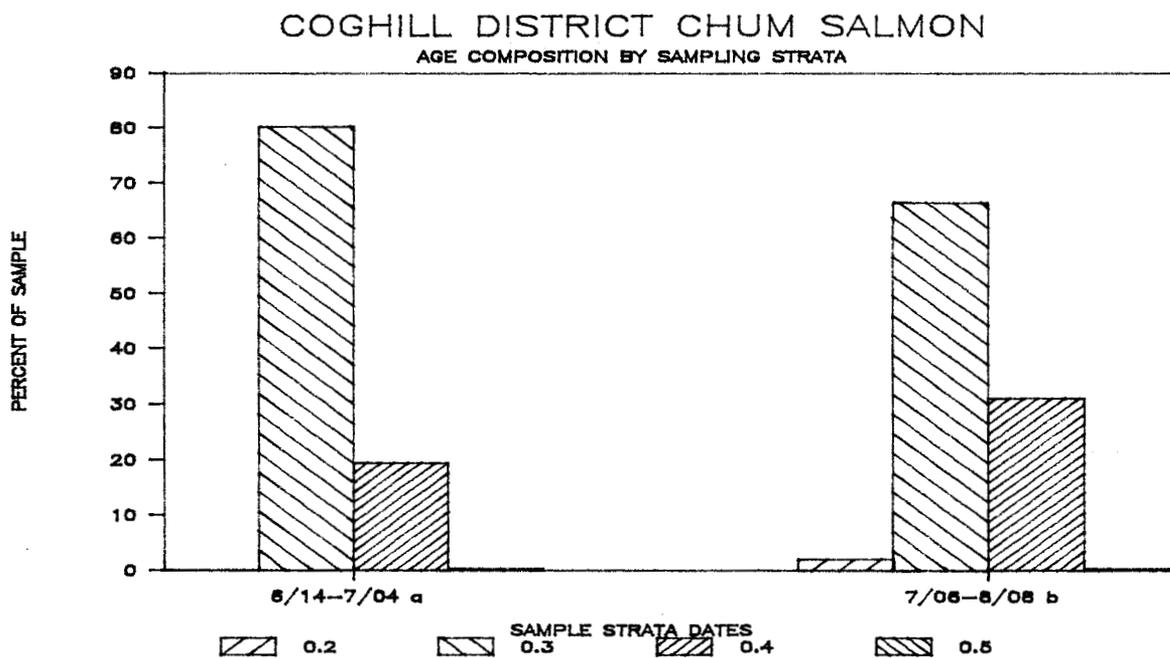
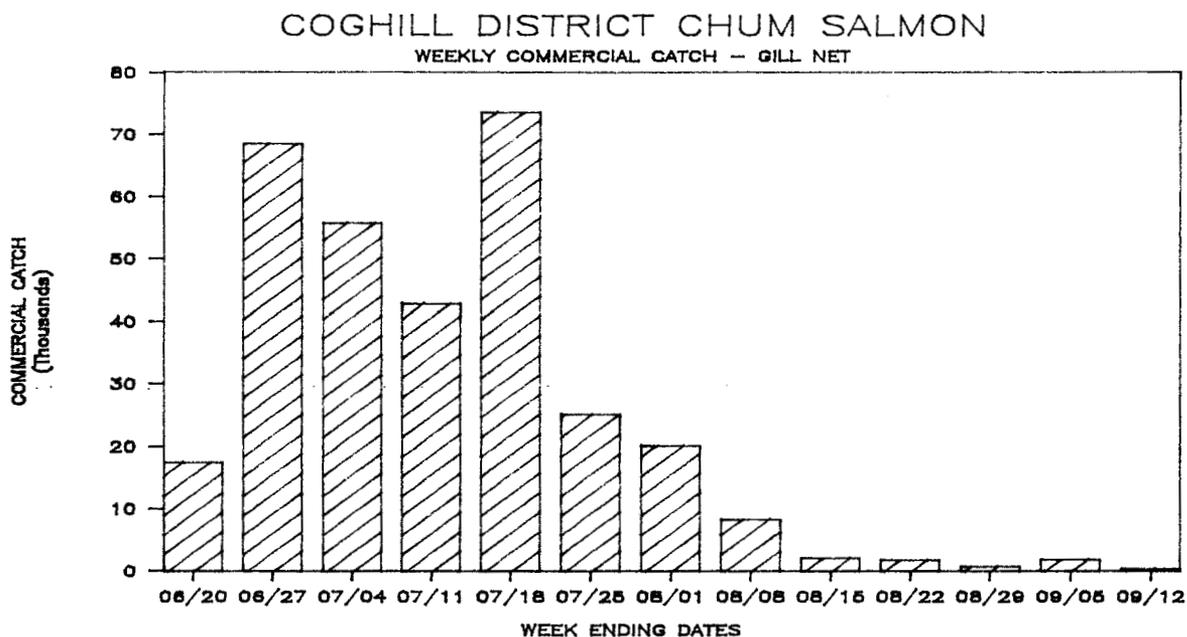


Figure 16. (page 2 of 2)



- a Drift gill net catch sample
- b Drift gill net and purse seine catch sample

Figure 17. Weekly commercial chum salmon catches from the Coghill District gill net fishery and the temporally stratified age composition from that district, Prince William Sound, 1987.

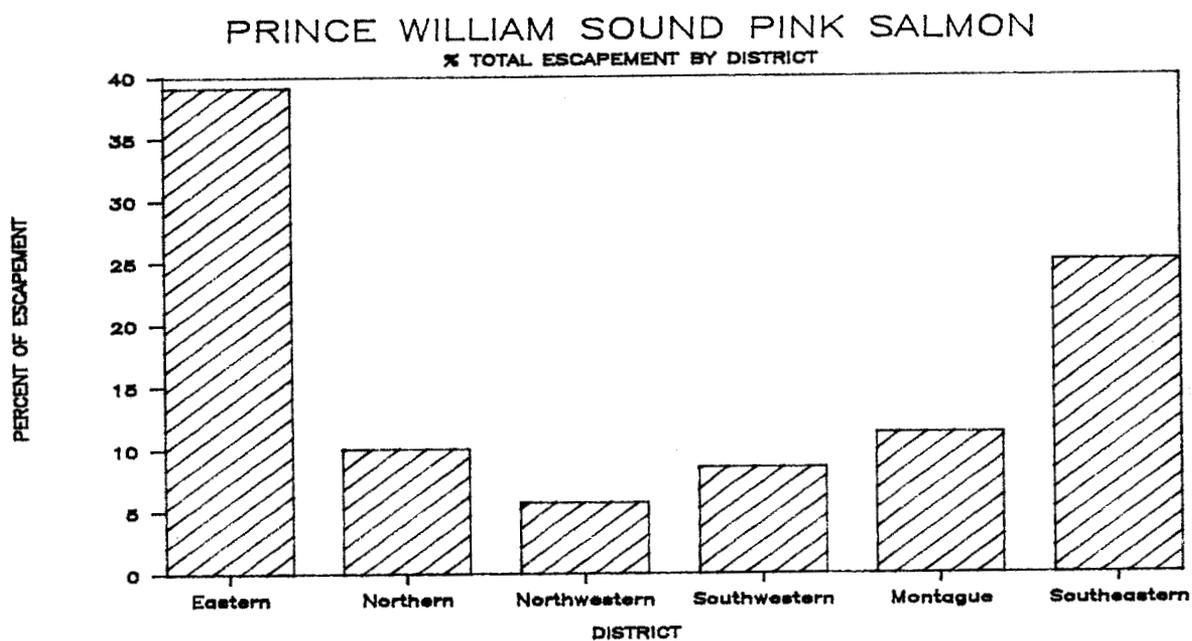
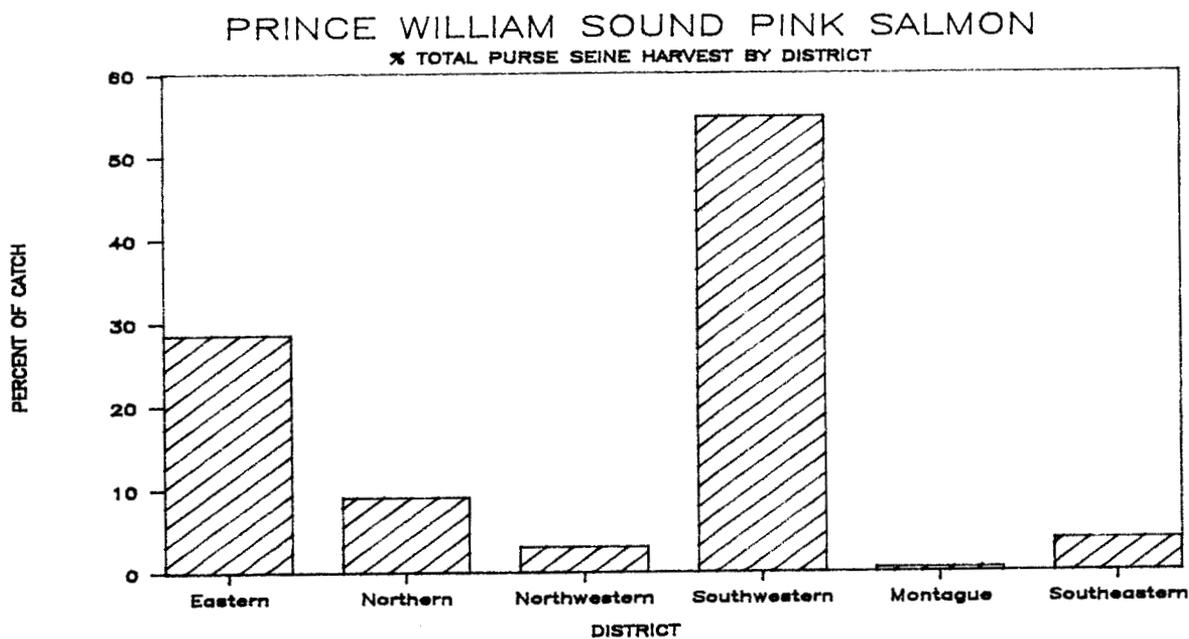


Figure 18. Percent of the total Prince William Sound commercial pink salmon purse seine catch and the percent of wild stock pink salmon escapements which occurred in the six most important purse seine districts, Prince William Sound, 1987.

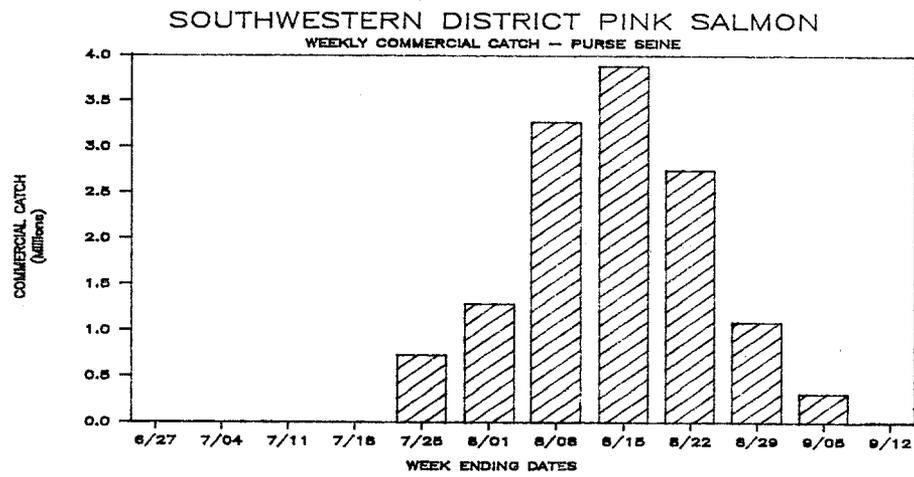
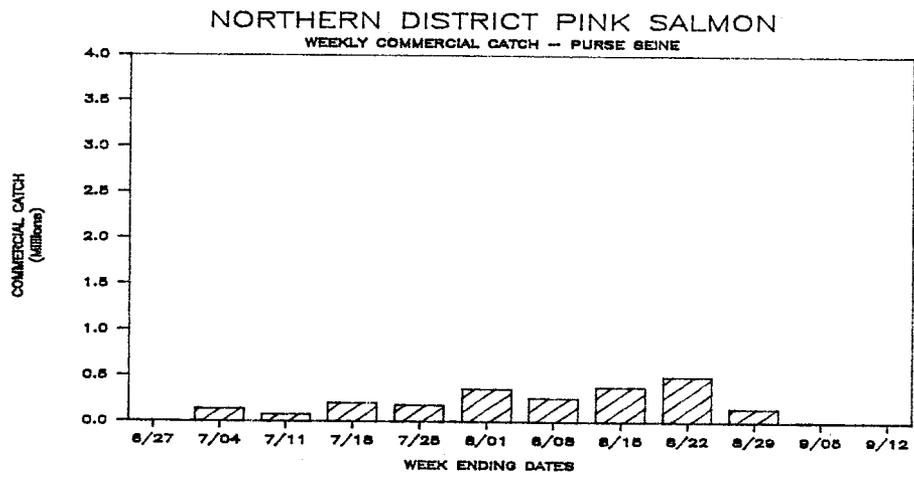
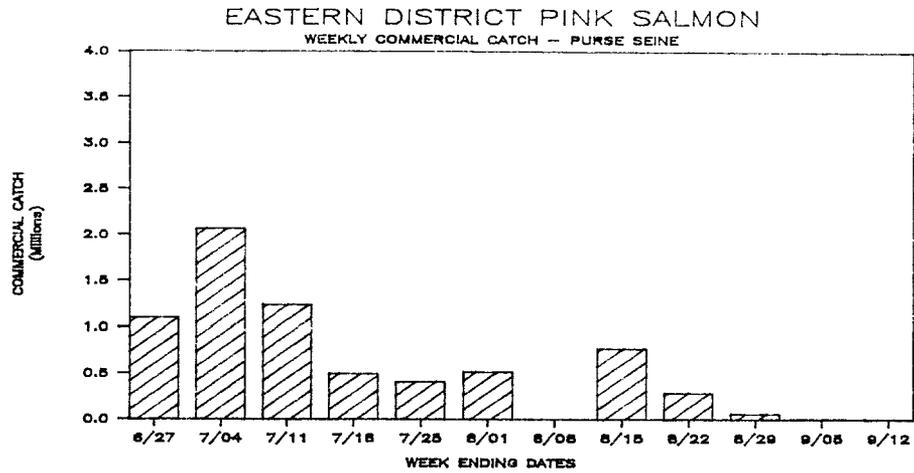


Figure 19. Weekly commercial pink salmon catches from the six most important purse seine districts, Prince William Sound, 1987.

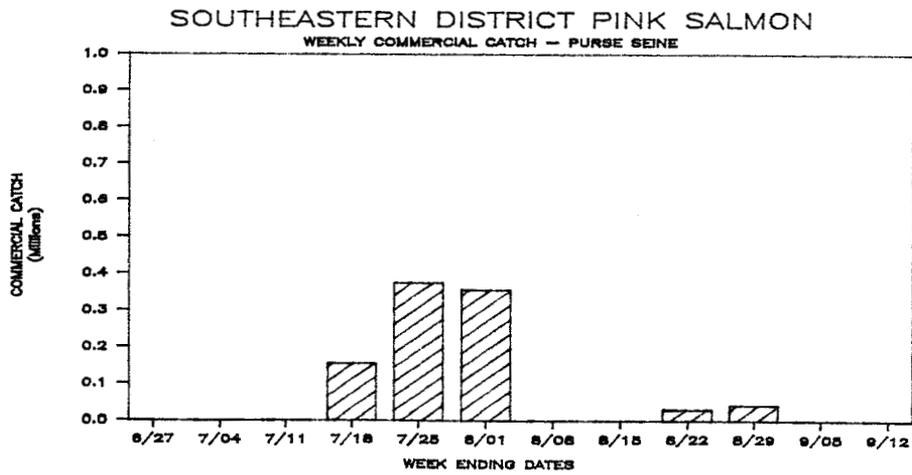
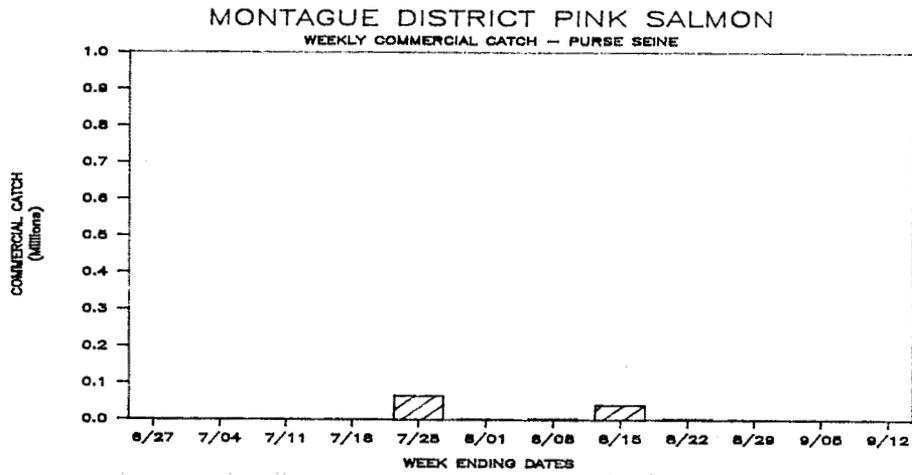
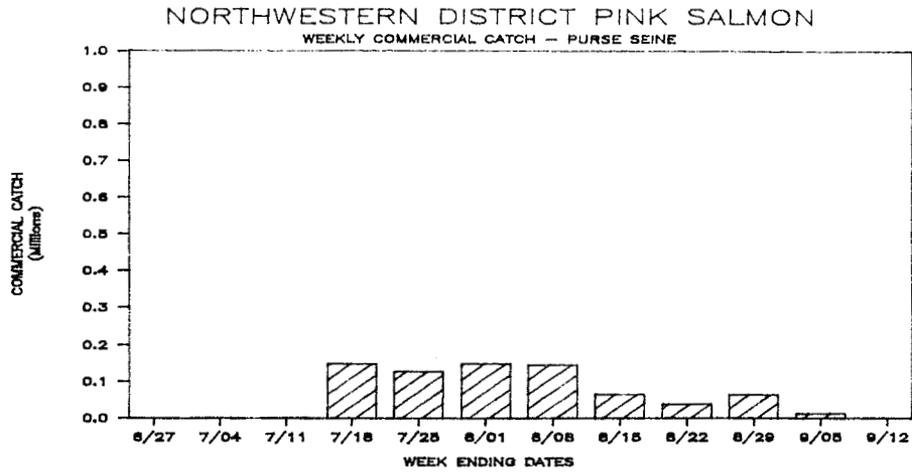


Figure 19. (page 2 of 2)

APPENDIX A

Commercial Salmon Catches from the Copper
and Bering Rivers (Districts 212 and 200)

Appendix A.1. Commercial salmon catch by species and period in the Copper River District drift gill net fishery, 1987.

Catch By Species															
Week	Period	Dates	Landings	Chinook		Sockeye		Coho		Pink		Chum		Total	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
20	1	05/13-05/14	578	4,416	122,141	11,966	77,774	0	0	0	0	279	1,867	16,661	201,782
21	2	05/18-05/19	677	5,604	150,220	67,537	428,145	107	697	0	0	53	336	73,301	579,398
21	3	05/21-05/22	713	3,749	101,817	111,342	698,137	0	0	0	0	77	482	115,168	800,436
22	4	05/25-05/26	680	3,333	91,446	96,227	606,994	0	0	0	0	23	146	99,583	698,586
22	5	05/28-05/29	770	4,077	108,190	131,219	842,455	0	0	0	0	341	2,196	135,637	952,841
23	6	06/01-06/03	2,621	12,495	347,813	303,731	1,991,919	92	624	19	77	491	2,830	316,828	2,343,263
23	7	06/04-06/05	4	10	328	509	3,092	0	0	0	0	0	0	519	3,420
24	8	06/08-06/09	339	1,174	32,744	38,790	257,005	7	47	2	7	628	3,495	40,601	293,298
24	9	06/11-06/12	901	2,959	82,946	121,734	797,342	280	1,740	211	880	3,960	23,213	129,144	906,121
25	10	06/15-06/16	580	1,194	33,812	66,330	436,988	39	254	340	1,271	2,083	12,156	69,986	484,481
26	11	06/22-06/23	541	1,252	36,463	77,268	503,703	336	2,109	362	1,435	1,524	11,303	80,742	555,013
27	12	06/29-06/30	266	438	11,541	44,683	285,856	415	2,565	355	1,309	981	6,408	46,872	307,679
27	13	07/02-07/03	272	125	3,276	19,066	123,855	274	1,835	1,411	5,748	588	4,079	21,464	138,793
28	14	07/06-07/07	174	46	1,445	18,541	123,982	35	244	1,418	5,845	1,308	8,293	21,348	139,809
28	15	07/09-07/10	283	51	1,514	21,297	141,222	652	4,916	1,381	5,482	381	2,916	23,762	156,050
29	16	07/13-07/14	21	7	224	3,392	22,013	87	725	244	1,051	63	492	3,793	24,505
29	17	07/16-07/17	60	4	116	5,588	36,964	196	1,481	337	1,358	105	724	6,230	40,643
30	18	07/20-07/21	108	10	249	12,827	87,593	694	5,087	6,860	31,307	395	2,935	20,786	127,171
30	19	07/23-07/24	71	2	60	8,009	53,751	489	3,905	861	3,591	86	492	9,447	61,799
31	20	07/27-07/28	126	6	194	9,888	68,054	1,926	15,399	1,358	5,709	61	248	13,239	89,604
31	21	07/30-07/31	51	1	10	1,685	11,576	2,515	19,079	805	3,295	208	1,249	5,214	35,209
32	22	08/03-08/04	152	1	35	3,787	25,707	10,047	80,699	1,725	7,458	253	1,140	15,813	115,039
32	23	08/06-08/07	135	5	102	1,289	9,115	6,970	59,370	492	1,901	57	405	8,813	70,893
33	24	08/10-08/13	534	9	225	2,259	16,623	19,926	166,353	12,158	49,153	789	6,099	35,141	238,453
34	25	08/17-08/20	797	23	481	1,749	12,700	42,577	363,237	748	3,034	48	295	45,145	379,747
35	26	08/24-08/26	786	14	331	492	3,807	39,799	349,279	599	2,198	21	135	40,925	355,750
Total			12,237	41,005	1,127,723	1,181,205	7,666,372	127,463	1,079,645	31,686	132,109	14,803	93,934	1,396,162	10,099,783

Appendix A.2. Commercial salmon catch by species and date in the Copper River District drift gill net fishery, 1987.

Catch By Species													
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
05/13	389	578	4,416	122,141	11,966	77,774	0	0	0	0	279	1,867	
05/19	436	677	5,604	150,220	67,537	428,145	107	697	0	0	53	336	
05/21	9	9	61	1,613	643	4,044	0	0	0	0	0	0	
05/22	420	704	3,688	100,204	110,699	694,093	0	0	0	0	77	482	
05/26	462	680	3,333	91,446	96,227	606,994	0	0	0	0	23	146	
05/28	1	1	6	190	200	1,339	0	0	0	0	0	0	
05/29	455	769	4,071	108,000	131,019	841,116	0	0	0	0	341	2,196	
06/01	86	128	621	17,544	17,606	113,111	0	0	0	0	0	0	
06/02	494	2,468	11,814	328,682	284,758	1,869,858	92	624	19	77	484	2,799	
06/03	24	25	60	1,587	1,367	8,950	0	0	0	0	7	31	
06/05	4	4	10	328	509	3,092	0	0	0	0	0	0	
06/08	2	2	6	178	191	1,258	0	0	0	0	0	0	
06/09	218	337	1,168	32,566	38,599	255,747	7	47	2	7	628	3,495	
06/12	440	901	2,959	82,946	121,734	797,342	280	1,740	211	880	3,960	23,213	
06/15	13	13	6	155	1,879	12,501	0	0	0	0	103	620	
06/16	370	567	1,188	33,657	64,451	424,487	39	254	340	1,271	1,980	11,536	
06/22	189	239	718	22,093	34,085	221,750	245	1,538	82	325	134	919	
06/23	240	302	534	14,370	43,183	281,953	91	571	280	1,110	1,390	10,384	
06/29	122	129	273	7,414	14,986	96,493	0	0	43	118	298	2,092	
06/30	124	137	165	4,127	29,697	189,363	415	2,565	312	1,191	683	4,316	
07/02	5	5	2	65	152	972	0	0	1	4	31	187	
07/03	218	267	123	3,211	18,914	122,883	274	1,835	1,410	5,744	557	3,892	
07/06	76	83	30	978	8,949	58,617	4	24	158	691	42	257	
07/07	87	91	16	467	9,592	65,365	31	220	1,260	5,154	1,266	8,036	
07/09	39	39	7	235	2,918	19,240	117	911	302	1,152	72	605	
07/10	184	244	44	1,279	18,379	121,982	535	4,005	1,079	4,330	309	2,311	
07/13	10	10	1	23	1,872	11,911	35	325	82	370	57	449	
07/14	11	11	6	201	1,520	10,102	52	400	162	681	6	43	
07/16	3	3	0	0	273	1,706	0	0	7	28	11	102	
07/17	47	57	4	116	5,315	35,258	196	1,481	330	1,330	94	622	
07/20	37	41	3	74	4,466	29,092	218	1,436	402	1,568	22	147	
07/21	58	67	7	175	8,361	58,501	476	3,651	6,458	29,739	373	2,788	
07/23	5	5	0	0	157	1,088	3	27	160	642	25	167	
07/24	54	66	2	60	7,852	52,663	486	3,878	701	2,949	61	325	
07/27	49	55	4	152	4,694	32,458	262	2,008	354	1,372	2	7	
07/28	55	71	2	42	5,194	35,596	1,664	13,391	1,004	4,337	59	241	
07/30	2	2	1	10	34	236	35	266	5	18	1	6	
07/31	45	49	0	0	1,651	11,340	2,480	18,813	800	3,277	207	1,243	
08/03	57	58	1	35	1,411	9,658	3,335	27,010	339	1,325	1	6	
08/04	80	94	0	0	2,376	16,049	6,712	53,689	1,386	6,133	252	1,134	
08/06	7	7	0	0	42	286	306	2,565	123	455	2	12	
08/07	108	128	5	102	1,247	8,829	6,664	56,805	369	1,446	55	393	
08/10	79	82	1	43	282	2,061	2,252	18,667	68	264	4	33	
08/11	169	206	6	121	842	6,197	8,337	69,276	4,267	16,305	232	1,942	
08/12	154	182	2	61	844	6,162	7,204	60,731	7,386	30,889	509	3,811	
08/13	60	64	0	0	291	2,203	2,133	17,679	437	1,695	44	313	
08/17	139	152	5	153	343	2,458	8,044	68,568	265	920	10	74	
08/18	216	267	11	214	713	5,343	16,019	138,300	96	431	23	110	
08/19	189	240	5	71	465	3,317	13,680	116,532	203	961	13	92	
08/20	133	138	2	43	228	1,582	4,834	39,837	184	722	2	19	
08/24	171	194	2	70	60	446	9,058	80,056	13	54	2	12	
08/25	280	350	9	161	363	2,869	18,137	159,604	71	271	13	81	
08/26	205	242	3	100	69	492	12,604	109,619	515	1,873	6	42	
Total	546	12,237	41,005	1,127,723	1,181,205	7,666,372	127,463	1,079,645	31,686	132,109	14,803	93,934	

Appendix A.3. Commerical salmon catch by species and date in Statistical Area 212-10, Copper River District drift gill net fishery, 1987.

Catch Date	Permits	Landings	Catch By Species									
			Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
05/13	202	236	1,447	40,204	4,295	28,185	0	0	0	0	182	1,253
05/19	357	525	4,458	118,787	53,471	338,606	107	697	0	0	39	239
05/22	274	376	1,193	32,594	55,802	352,293	0	0	0	0	56	326
05/26	263	316	1,158	32,655	42,908	271,336	0	0	0	0	6	38
05/29	209	279	1,421	35,962	42,423	272,617	0	0	0	0	4	27
06/01	41	47	213	6,100	6,513	42,110	0	0	0	0	0	0
06/02	424	1,079	4,079	114,693	123,621	813,266	0	0	17	71	324	1,797
06/03	16	17	30	753	866	5,686	0	0	0	0	7	31
06/05	2	2	5	181	207	1,170	0	0	0	0	0	0
06/08	2	2	6	178	191	1,258	0	0	0	0	0	0
06/09	179	261	731	20,182	30,028	199,213	7	47	2	7	552	2,984
06/12	304	509	1,128	31,917	62,156	404,001	275	1,706	188	794	2,894	16,969
06/15	1	1	0	0	22	140	0	0	0	0	0	0
06/16	247	263	370	10,091	22,635	148,496	24	145	223	789	859	5,109
06/22	80	94	135	3,830	10,140	66,143	3	21	45	182	36	211
06/23	167	189	291	7,362	27,029	176,835	63	416	184	727	527	3,844
06/29	85	90	228	6,012	10,844	69,538	0	0	21	60	240	1,747
06/30	94	102	122	3,168	23,754	151,244	350	2,168	221	863	505	3,141
07/02	1	1	0	0	32	233	0	0	1	4	16	117
07/03	193	222	89	2,167	13,004	85,640	264	1,772	1,377	5,613	530	3,703
07/06	53	54	11	353	4,630	31,263	4	24	158	691	42	257
07/07	68	71	13	369	7,147	49,430	31	220	1,080	4,390	1,037	6,350
07/09	27	27	3	110	1,959	13,205	105	822	288	1,096	71	599
07/10	144	167	23	596	10,499	70,955	491	3,698	1,010	4,067	298	2,226
07/13	4	4	0	0	321	2,283	35	325	81	366	57	449
07/14	9	9	6	201	1,314	8,582	52	400	91	381	1	8
07/16	2	2	0	0	192	1,200	0	0	7	28	11	102
07/17	41	46	2	64	4,221	28,335	196	1,481	309	1,253	86	572
07/20	26	29	3	74	2,706	17,895	204	1,368	345	1,373	15	92
07/21	25	27	3	70	3,131	20,793	424	3,268	1,918	7,847	125	911
07/23	3	3	0	0	53	399	3	27	24	100	0	0
07/24	38	43	1	30	4,693	31,686	440	3,567	691	2,907	27	190
07/27	27	31	2	80	1,462	10,616	218	1,697	191	742	0	0
07/28	36	42	2	42	2,722	19,150	1,620	13,088	783	3,510	58	237
07/30	2	2	1	10	34	236	35	266	5	18	1	6
07/31	36	39	0	0	1,029	7,178	2,429	18,499	787	3,225	207	1,243
08/03	42	42	1	35	766	5,384	2,705	22,715	326	1,281	0	0
08/04	74	84	0	0	2,075	13,951	5,972	48,446	1,298	5,768	241	1,052
08/06	7	7	0	0	42	286	306	2,565	123	455	2	12
08/07	107	127	5	102	1,161	8,283	6,459	55,575	357	1,404	55	393
08/10	58	59	1	43	108	811	1,528	12,823	64	248	4	33
08/11	129	155	4	59	423	3,096	5,627	47,564	4,256	16,250	232	1,942
08/12	125	143	1	16	517	3,691	5,381	46,232	7,350	30,609	509	3,811
08/13	43	44	0	0	133	957	1,389	11,713	428	1,653	44	313
08/17	82	91	3	119	126	912	3,186	29,058	249	859	10	74
08/18	150	171	5	105	394	2,859	8,653	77,638	86	394	21	95
08/19	99	108	3	55	208	1,445	4,797	42,673	184	884	13	92
08/20	65	65	1	40	53	391	1,687	15,165	172	679	2	19
08/24	73	78	1	25	25	197	3,350	31,328	10	43	2	12
08/25	152	165	7	96	69	498	7,922	72,547	50	169	7	51
08/26	100	103	3	100	29	211	4,185	37,960	507	1,846	5	36
Totals	515	6,649	17,209	469,630	582,183	3,784,188	70,527	609,724	25,507	103,646	9,960	62,713

Appendix A.4. Commercial salmon catch by species and date in Statistical Area 212-20, Copper River District drift gill net fishery, 1987.

Catch Date	Permits	Landings	Catch By Species									
			Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
05/13	217	281	2,269	62,733	6,457	41,631	0	0	0	0	90	575
05/19	103	118	818	22,697	12,164	77,362	0	0	0	0	14	97
05/21	9	9	61	1,613	643	4,044	0	0	0	0	0	0
05/22	166	230	1,838	50,090	32,496	201,929	0	0	0	0	21	156
05/26	193	263	1,584	43,585	42,158	264,476	0	0	0	0	14	88
05/28	1	1	6	190	200	1,339	0	0	0	0	0	0
05/29	330	490	2,650	72,038	88,596	568,499	0	0	0	0	337	2,169
06/01	48	74	386	10,750	10,032	64,042	0	0	0	0	0	0
06/02	383	1,109	6,234	173,817	135,371	886,031	90	610	2	6	149	920
06/03	7	7	27	744	374	2,442	0	0	0	0	0	0
06/05	2	2	5	147	302	1,922	0	0	0	0	0	0
06/09	63	76	437	12,384	8,571	56,534	0	0	0	0	76	511
06/12	157	266	1,426	39,768	39,205	257,946	5	34	23	86	946	5,538
06/15	1	1	0	0	151	1,010	0	0	0	0	0	0
06/16	178	207	571	16,340	29,641	195,455	15	109	110	454	979	5,590
06/22	86	109	550	17,248	18,228	117,692	242	1,517	34	131	88	636
06/23	57	64	159	4,670	9,121	59,091	28	155	85	344	551	4,067
06/29	20	22	34	1,135	2,263	14,679	0	0	20	50	55	320
06/30	32	35	43	959	5,943	38,119	65	397	91	328	178	1,175
07/02	3	3	1	30	64	397	0	0	0	0	15	70
07/03	24	24	25	730	2,193	13,762	9	54	28	111	27	189
07/06	15	17	9	324	1,949	12,710	0	0	0	0	0	0
07/07	12	12	2	75	1,747	11,468	0	0	41	174	8	52
07/09	5	5	1	40	365	2,328	12	89	14	56	1	6
07/10	53	62	13	413	6,094	39,865	44	307	69	263	9	65
07/13	3	3	0	0	301	1,906	0	0	0	0	0	0
07/14	1	1	0	0	50	380	0	0	49	200	5	35
07/17	2	2	0	0	62	409	0	0	21	77	8	50
07/20	3	3	0	0	287	1,946	13	63	51	170	7	55
07/21	4	4	0	0	383	2,561	47	354	91	355	17	93
07/23	1	1	0	0	27	170	0	0	1	4	0	0
07/24	16	20	1	30	2,355	15,565	46	311	10	42	34	135
07/27	21	21	2	72	2,008	13,435	27	216	30	110	2	7
07/28	20	26	0	0	2,054	13,618	33	236	119	432	1	4
07/31	8	8	0	0	537	3,566	27	175	0	0	0	0
08/03	15	16	0	0	645	4,274	630	4,295	13	44	1	6
08/04	9	9	0	0	46	318	647	4,678	80	330	11	82
08/10	11	13	0	0	106	755	205	1,719	2	6	0	0
08/11	12	14	1	16	147	1,062	507	4,305	0	0	0	0
08/12	8	8	1	45	56	395	208	1,658	0	0	0	0
08/13	3	4	0	0	25	210	67	602	1	3	0	0
08/17	12	12	0	0	22	144	685	5,851	7	27	0	0
08/18	23	27	2	44	167	1,339	1,618	13,968	3	12	0	0
08/19	29	33	0	0	63	477	1,960	16,437	3	12	0	0
08/20	24	26	0	0	21	197	1,081	8,672	4	14	0	0
08/24	61	65	0	0	21	154	2,425	21,197	3	11	0	0
08/25	80	105	1	40	101	846	5,231	44,501	15	79	6	30
08/26	57	59	0	0	21	149	3,462	29,950	4	13	0	0
Totals	510	3,967	19,157	532,767	463,833	2,998,649	19,429	162,460	1,024	3,944	3,650	22,721

Appendix A.5. Commerical salmon catch by species and date in Statistical Area 212-30, Copper River District drift gill net fishery, 1987.

Catch Date	Permits	Landings	Catch By Species									
			Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
05/13	37	61	700	19,204	1,214	7,958	0	0	0	0	7	39
05/19	22	34	328	8,736	1,902	12,177	0	0	0	0	0	0
05/22	65	98	657	17,520	22,401	139,871	0	0	0	0	0	0
05/26	57	101	591	15,206	11,161	71,182	0	0	0	0	3	20
06/01	7	7	22	694	1,061	6,959	0	0	0	0	0	0
06/02	89	280	1,501	40,172	25,766	170,561	2	14	0	0	11	82
06/03	1	1	3	90	127	822	0	0	0	0	0	0
06/12	61	126	405	11,261	20,373	135,395	0	0	0	0	120	706
06/15	11	11	6	155	1,706	11,351	0	0	0	0	103	620
06/16	66	97	247	7,226	12,175	80,536	0	0	7	28	142	837
06/22	29	36	33	1,015	5,717	37,915	0	0	3	12	10	72
06/23	31	49	84	2,338	7,033	46,027	0	0	11	39	312	2,473
06/29	17	17	11	267	1,879	12,276	0	0	2	8	3	25
07/02	1	1	1	35	56	342	0	0	0	0	0	0
07/03	11	21	9	314	3,717	23,481	1	9	5	20	0	0
07/06	10	12	10	301	2,370	14,644	0	0	0	0	0	0
07/07	8	8	1	23	698	4,467	0	0	139	590	221	1,634
07/09	7	7	3	85	594	3,707	0	0	0	0	0	0
07/10	11	15	8	270	1,786	11,162	0	0	0	0	2	20
07/13	3	3	1	23	1,250	7,722	0	0	1	4	0	0
07/14	1	1	0	0	156	1,140	0	0	22	100	0	0
07/16	1	1	0	0	81	506	0	0	0	0	0	0
07/17	9	9	2	52	1,032	6,514	0	0	0	0	0	0
07/20	8	9	0	0	1,473	9,251	1	5	6	25	0	0
07/21	30	36	4	105	4,847	35,147	5	29	4,449	21,537	231	1,784
07/23	1	1	0	0	77	519	0	0	135	538	25	167
07/24	3	3	0	0	804	5,412	0	0	0	0	0	0
07/27	3	3	0	0	1,224	8,407	17	95	133	520	0	0
07/28	3	3	0	0	418	2,828	11	67	102	395	0	0
07/31	2	2	0	0	85	596	24	139	13	52	0	0
08/04	1	1	0	0	255	1,780	93	565	8	35	0	0
08/07	1	1	0	0	86	546	205	1,230	12	42	0	0
08/10	10	10	0	0	68	495	519	4,125	2	10	0	0
08/11	31	37	1	46	272	2,039	2,203	17,407	11	55	0	0
08/12	24	31	0	0	271	2,076	1,615	12,841	36	280	0	0
08/13	15	16	0	0	133	1,036	677	5,364	8	39	0	0
08/17	47	49	2	34	195	1,402	4,173	33,659	9	34	0	0
08/18	50	69	4	65	152	1,145	5,748	46,694	7	25	2	15
08/19	70	99	2	16	194	1,395	6,923	57,422	16	65	0	0
08/20	45	47	1	3	154	994	2,066	16,000	8	29	0	0
08/24	40	51	1	45	14	95	3,283	27,531	0	0	0	0
08/25	60	80	1	25	193	1,525	4,984	42,556	6	23	0	0
08/26	51	80	0	0	19	132	4,957	41,709	4	14	1	6
Totals	245	1,621	4,639	125,326	135,189	883,535	37,507	307,461	5,155	24,519	1,193	8,500

Appendix A.6. Commercial salmon catch by species and period in the Bering River District drift gill net fishery, 1987.

Catch By Species															
Week	Period	Dates	Landings	Chinook		Sockeye		Coho		Pink		Chum		Total	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	1	6/15-6/16	11	10	325	2,013	14,005	0	0	0	0	0	0	2,023	14,330
26	2	6/22-6/23	42	17	429	13607	90964	0	0	3	12	0	0	13,627	91,405
27	3	6/29-6/30	6	2	58	419	2933	0	0	0	0	0	0	421	2,991
27	4	7/02-7/03	1	0	0	125	750	0	0	0	0	0	0	125	750
28	5	7/06-7/07	4	1	15	339	2,042	0	0	0	0	0	0	340	2,057
32	13	8/03-8/04	2	0	0	8	53	119	948	1	4	0	0	128	1,005
33	15	8/10-8/13	7	0	0	23	136	315	2180	21	95	0	0	359	2,411
34	16	8/17-8/20	90	2	44	265	2150	5023	42318	11	42	0	0	5,301	44,554
35	17	8/24-8/26	212	2	65	127	1035	10407	88775	18	91	7	37	10,561	90,003
Totals			375	34	936	16,926	114,068	15,864	134,221	54	244	7	37	32,885	249,506

Appendix A.7. Commercial salmon catch by species and date in the Bering River District drift gill net fishery, 1987. The 1987 Fish Ticket Summary Report for Prince William Sound and the Copper/Bering River Area indicate that all catches from this district were made in Statistical Area 200-20.

Catch By Species													
Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
06/16	8	11	10	325	2,013	14,005	0	0	0	0	0	0	0
06/22	11	17	9	250	5,120	34,388	0	0	0	0	0	0	0
06/23	16	25	8	179	8,487	56,576	0	0	3	12	0	0	0
06/29	4	5	2	58	270	1,922	0	0	0	0	0	0	0
06/30	1	1	0	0	149	1,011	0	0	0	0	0	0	0
07/03	1	1	0	0	125	750	0	0	0	0	0	0	0
07/07	2	4	1	15	339	2,042	0	0	0	0	0	0	0
08/04	2	2	0	0	8	53	119	948	1	4	0	0	0
08/11	1	1	0	0	3	20	24	182	0	0	0	0	0
08/12	3	3	0	0	9	44	239	1,560	21	95	0	0	0
08/13	2	3	0	0	11	72	52	438	0	0	0	0	0
08/17	4	4	0	0	4	30	197	1,627	1	4	0	0	0
08/18	27	32	2	44	192	1,552	1,989	17,333	3	12	0	0	0
08/19	25	29	0	0	49	378	1,784	14,950	3	12	0	0	0
08/20	23	25	0	0	20	190	1,053	8,408	4	14	0	0	0
08/24	56	59	1	25	15	112	2,141	18,479	2	8	1	7	7
08/25	74	101	1	40	99	830	5,152	43,682	15	79	6	30	30
08/26	50	52	0	0	13	93	3,114	26,614	1	4	0	0	0
Totals	109	375	34	936	16,926	114,068	15,864	134,221	54	244	7	37	37

Appendix Table A.8. Temporally stratified age and sex composition of the commercial chinook salmon catch in the Copper River District drift gill net fishery, 1987.

		Brood Year and Age Group								
		1983	1982		1981		1980		Total	
		1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	
Stratum Dates: 5/13 - 5/14										
Sample Dates: 5/14										
Sample Size: 482										
Female	Percent of Sample	0.4	0.0	15.8	0.0	27.2	0.4	0.2	2.1	46.1
	Number in Catch	18	0	698	0	1,201	18	9	93	2,037
Male	Percent of Sample	1.0	0.0	14.3	0.0	36.1	0.2	0.0	2.3	53.9
	Number in Catch	44	0	631	0	1,594	9	0	101	2,379
Total	Percent of Sample	1.4	0.0	30.1	0.0	63.3	0.6	0.2	4.4	100.0
	Number in Catch	62	0	1,329	0	2,795	27	9	194	4,416
	Standard Error	24	0	92	0	97	16	9	41	
Stratum Dates: 5/18 - 5/22										
Sample Dates: 5/19										
Sample Size: 526										
Female	Percent of Sample	1.5	0.0	18.5	0.0	18.1	1.5	0.6	1.3	41.5
	Number in Catch	140	0	1,730	0	1,693	140	56	122	3,881
Male	Percent of Sample	1.0	0.0	16.4	0.0	39.2	0.6	0.2	1.1	58.5
	Number in Catch	94	0	1,534	0	3,666	56	19	103	5,472
Total	Percent of Sample	2.5	0.0	34.9	0.0	57.3	2.1	0.8	2.4	100.0
	Number in Catch	234	0	3,264	0	5,359	196	75	225	9,353
	Standard Error	64	0	195	0	202	59	36	62	
Stratum Dates: 5/25 - 5/29										
Sample Dates: 5/26 - 5/27										
Sample Size: 482										
Female	Percent of Sample	0.6	0.0	26.5	0.0	21.6	1.7	0.2	0.0	50.6
	Number in Catch	44	0	1,963	0	1,601	126	15	0	3,749
Male	Percent of Sample	2.5	0.2	21.2	0.0	23.2	1.9	0.4	0.0	49.4
	Number in Catch	185	15	1,571	0	1,719	141	30	0	3,661
Total	Percent of Sample	3.1	0.2	47.7	0.0	44.8	3.6	0.6	0.0	100.0
	Number in Catch	229	15	3,534	0	3,320	267	45	0	7,410
	Standard Error	59	15	169	0	168	63	26	0	

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Appendix Table A.8. (p. 2 of 2)

		Brood Year and Age Group								
		1983		1982		1981		1980		Total
		1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	
Stratum Dates: 6/01 - 6/06										
Sample Dates: 6/02										
Sample Size: 561										
Female	Percent of Sample	1.2	0.0	25.5	0.0	17.5	0.9	0.0	0.2	45.3
	Number in Catch	150	0	3,188	0	2,188	113	0	25	5,664
Male	Percent of Sample	2.7	0.0	25.1	0.2	23.9	2.1	0.5	0.2	54.7
	Number in Catch	338	0	3,138	25	2,989	263	63	25	6,841
Total	Percent of Sample	3.9	0.0	50.6	0.2	41.4	3.0	0.5	0.4	100.0
	Number in Catch	488	0	6,326	25	5,177	376	63	50	12,505
	Standard Error	102	0	264	24	260	90	37	33	
Stratum Dates: 6/08 - 8/26										
Sample Dates: 6/09										
Sample Size: 525										
Female	Percent of Sample	1.0	0.0	31.1	0.0	14.1	0.6	0.0	0.0	46.8
	Number in Catch	73	0	2,277	0	1,032	44	0	0	3,426
Male	Percent of Sample	1.5	0.0	30.5	0.0	20.2	0.8	0.2	0.0	53.2
	Number in Catch	110	0	2,233	0	1,479	59	15	0	3,896
Total	Percent of Sample	2.5	0.0	61.6	0.0	34.3	1.4	0.2	0.0	100.0
	Number in Catch	183	0	4,510	0	2,511	102	15	0	7,321
	Standard Error	50	0	156	0	152	38	14	0	
Strata Combined: 5/13 - 8/26										
Sample Dates: 5/14 - 6/09										
Sample Size: 2,576										
Female	Percent of Sample	1.0	0.0	24.0	0.0	18.8	1.1	0.2	0.6	45.7
	Number in Catch	425	0	9,856	0	7,715	441	80	240	18,757
Male	Percent of Sample	1.9	0.0	22.2	0.1	27.9	1.3	0.3	0.6	54.3
	Number in Catch	771	15	9,107	25	11,447	527	127	229	22,248
Total	Percent of Sample	2.9	0.0	46.2	0.1	46.7	2.4	0.5	1.1	100.0
	Number in Catch	1,196	15	18,963	25	19,162	968	207	469	41,005
	Standard Error	145	15	411	24	411	131	61	82	

Appendix A.9. Temporally stratified age and sex composition of the commercial sockeye salmon catch in the Copper River District drift gill net fishery, 1987.

		Brood Year and Age Group										Total
		1984		1983		1982			1981		1980	
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates: 5/13 - 5/14												
Sample Dates: 5/13 - 5/14												
Sample Size: 556												
Female	Percent of Sample	0.0	4.0	0.0	0.0	0.2	37.1	0.0	0.4	5.8	0.2	47.7
	Number in Catch	0	479	0	0	24	4,439	0	48	694	24	5,708
Male	Percent of Sample	0.0	3.6	0.4	0.0	0.0	42.3	0.0	0.4	5.6	0.0	52.3
	Number in Catch	0	431	48	0	0	5,061	0	48	670	0	6,258
Total	Percent of Sample	0.0	7.6	0.4	0.0	0.2	79.4	0.0	0.8	11.4	0.2	100.0
	Number in Catch	0	910	48	0	24	9,500	0	96	1,364	24	11,966
	Standard Error	0	135	32	0	23	205	0	45	161	23	
Stratum Dates: 5/18 - 5/22												
Sample Dates: 5/18 - 5/19												
Sample Size: 612												
Female	Percent of Sample	0.0	4.7	0.2	0.0	0.2	43.7	0.0	0.0	5.7	0.2	54.7
	Number in Catch	0	8,407	358	0	358	78,170	0	0	10,196	358	97,847
Male	Percent of Sample	0.0	4.9	0.0	0.0	0.0	36.3	0.0	0.3	3.8	0.0	45.3
	Number in Catch	0	8,765	0	0	0	64,933	0	537	6,797	0	81,032
Total	Percent of Sample	0.0	9.6	0.2	0.0	0.2	80.0	0.0	0.3	9.5	0.2	100.0
	Number in Catch	0	17,172	358	0	358	143,103	0	537	16,993	358	178,879
	Standard Error	0	2,132	323	0	323	2,895	0	396	2,122	323	
Stratum Dates: 5/25 - 5/29												
Sample Dates: 5/25 - 5/26												
Sample Size: 586												
Female	Percent of Sample	0.0	4.1	0.5	0.0	0.0	47.2	0.0	0.0	4.6	0.0	56.4
	Number in Catch	0	9,325	1,137	0	0	107,354	0	0	10,463	0	128,279
Male	Percent of Sample	0.2	2.4	0.5	0.0	0.0	36.9	0.0	0.2	3.4	0.0	43.6
	Number in Catch	455	5,459	1,137	0	0	83,928	0	455	7,733	0	99,167
Total	Percent of Sample	0.2	6.5	1.0	0.0	0.0	84.1	0.0	0.2	8.0	0.0	100.0
	Number in Catch	455	14,784	2,274	0	0	191,282	0	455	18,196	0	227,446
	Standard Error	420	2,318	936	0	0	3,439	0	420	2,551	0	

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Appendix A.9. (p. 2 of 4)

		Brood Year and Age Group										
		1984	1983			1982			1981		1980	Total
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates: 6/01 - 6/06												
Sample Dates: 6/01 - 6/03												
Sample Size: 578												
Female	Percent of Sample	0.0	2.9	1.9	0.0	0.0	41.5	0.2	0.2	1.2	0.0	47.9
	Number in Catch	0	8,823	5,781	0	0	126,260	608	608	3,651	0	145,731
Male	Percent of Sample	0.2	3.5	1.4	0.0	0.0	45.0	0.3	0.0	1.7	0.0	52.1
	Number in Catch	608	10,648	4,259	0	0	136,909	913	0	5,172	0	158,509
Total	Percent of Sample	0.2	6.4	3.3	0.0	0.0	86.5	0.5	0.2	2.9	0.0	100.0
	Number in Catch	608	19,471	10,040	0	0	263,169	1,521	608	8,823	0	304,240
	Standard Error	566	3,100	2,263	0	0	4,328	893	566	2,125	0	
Stratum Dates: 6/08 - 6/12												
Sample Dates: 6/08 - 6/09												
Sample Size: 590												
Female	Percent of Sample	0.0	3.9	2.2	0.0	0.2	43.3	0.0	0.0	1.7	0.0	51.3
	Number in Catch	0	6,260	3,532	0	321	69,506	0	0	2,729	0	82,348
Male	Percent of Sample	0.2	2.4	2.7	0.0	0.0	41.4	0.3	0.0	1.7	0.0	48.7
	Number in Catch	321	3,853	4,334	0	0	66,457	482	0	2,729	0	78,176
Total	Percent of Sample	0.2	6.3	4.9	0.0	0.2	84.7	0.3	0.0	3.4	0.0	100.0
	Number in Catch	321	10,113	7,866	0	321	135,963	482	0	5,458	0	160,524
	Standard Error	296	1,607	1,428	0	296	2,381	362	0	1,199	0	
Stratum Dates: 6/15 - 6/16												
Sample Dates: 6/15 - 6/16												
Sample Size: 589												
Female	Percent of Sample	0.2	4.8	5.1	0.0	0.2	49.3	0.5	0.5	0.3	0.0	60.9
	Number in Catch	133	3,184	3,383	0	133	32,700	332	332	199	0	40,396
Male	Percent of Sample	0.2	2.4	3.6	0.0	0.0	32.3	0.0	0.3	0.3	0.0	39.1
	Number in Catch	133	1,592	2,388	0	0	21,423	0	199	199	0	25,934
Total	Percent of Sample	0.4	7.2	8.7	0.0	0.2	81.6	0.5	0.8	0.6	0.0	100.0
	Number in Catch	266	4,776	5,771	0	133	54,123	332	531	398	0	66,330
	Standard Error	173	707	771	0	122	1,060	193	244	211	0	

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Appendix A.9. (p. 3 of 4)

		Brood Year and Age Group										
		1984		1983		1982			1981		1980	
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	Total
Stratum Dates: 6/22 - 6/30												
Sample Dates: 6/22 - 6/23												
Sample Size: 594												
Female	Percent of Sample	0.3	5.5	4.4	0.0	0.0	37.5	0.0	0.2	1.0	0.0	48.9
	Number in Catch	366	6,707	5,366	0	0	45,731	0	244	1,220	0	59,634
Male	Percent of Sample	0.2	3.9	2.6	0.0	0.0	43.7	0.0	0.2	0.5	0.0	51.1
	Number in Catch	244	4,756	3,171	0	0	53,292	0	244	610	0	62,317
Total	Percent of Sample	0.5	9.4	7.0	0.0	0.0	81.2	0.0	0.4	1.5	0.0	100.0
	Number in Catch	610	11,463	8,537	0	0	99,023	0	488	1,830	0	121,951
	Standard Error	353	1,461	1,278	0	0	1,957	0	316	609	0	
Stratum Dates: 7/08 - 7/17												
Sample Dates: 7/09												
Sample Size: 585												
Female	Percent of Sample	0.0	3.2	12.8	0.0	0.0	34.2	0.2	0.2	0.5	0.0	51.1
	Number in Catch	0	2,172	8,689	0	0	23,217	136	136	339	0	34,689
Male	Percent of Sample	0.5	2.2	12.0	0.2	0.0	33.0	0.7	0.0	0.3	0.0	48.9
	Number in Catch	339	1,493	8,146	136	0	22,402	475	0	204	0	33,195
Total	Percent of Sample	0.5	5.4	24.8	0.2	0.0	67.2	0.9	0.2	0.8	0.0	100.0
	Number in Catch	339	3,665	16,835	136	0	45,619	611	136	543	0	67,884
	Standard Error	198	635	1,213	125	0	1,319	265	125	250	0	
Stratum Dates: 7/20 - 8/26												
Sample Dates: 7/23 - 7/24												
Sample Size: 616												
Female	Percent of Sample	0.5	1.8	8.8	0.0	0.0	32.8	1.9	0.0	1.0	0.0	46.8
	Number in Catch	210	756	3,695	0	0	13,771	798	0	420	0	19,650
Male	Percent of Sample	0.2	1.0	11.5	0.2	0.2	37.6	1.1	0.8	0.6	0.0	53.2
	Number in Catch	84	420	4,828	84	84	15,785	462	336	252	0	22,335
Total	Percent of Sample	0.7	2.8	20.3	0.2	0.2	70.4	3.0	0.8	1.6	0.0	100.0
	Number in Catch	294	1,176	8,523	84	84	29,556	1,260	336	672	0	41,985
	Standard Error	141	279	681	76	76	773	289	151	212	0	

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Appendix A.9. (p. 4 of 4)

		Brood Year and Age Group										
		1984		1983		1982			1981		1980	Total
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Strata Combined 5/13 - 8/26												
Sample Dates: 5/13 - 7/24												
Sample Size: 5,306												
Female	Percent of Sample	0.1	3.9	2.7	0.0	0.1	42.4	0.2	0.1	2.5	0.0	52.0
	Number in Catch	709	46,113	31,941	0	836	501,148	1,874	1,368	29,911	382	614,282
Male	Percent of Sample	0.2	3.2	2.4	0.0	0.0	39.8	0.2	0.2	2.1	0.0	48.0
	Number in Catch	2,184	37,417	28,311	220	84	470,190	2,332	1,819	24,366	0	566,923
Total	Percent of Sample	0.2	7.1	5.1	0.0	0.1	82.2	0.4	0.3	4.6	0.0	100.0
	Number in Catch	2,893	83,530	60,252	220	920	971,338	4,206	3,187	54,277	382	1,181,205
	Standard Error	893	5,025	3,507	147	462	7,207	1,058	924	4,185	324	

Appendix A.10. Estimated age and sex composition of the commercial sockeye salmon catch in the Bering River District drift gill net fishery, 1987.

		Brood Year and Age Group					
		1984	1983		1982	1981	
		0.2	0.3	1.2	1.3	2.3	Total
Stratum Dates: 6/15 - 8/26							
Sample Dates: 6/23							
Sample Size: 534							
Female	Percent of Sample	0.0	17.6	1.7	24.2	0.2	43.7
	Number in Catch	0	2,979	288	4,096	34	7,397
Male	Percent of Sample	0.7	22.3	3.2	30.1	0.0	56.3
	Number in Catch	118	3,774	542	5,095	0	9,529
Total	Percent of Sample	0.7	39.9	4.9	54.3	0.2	100.0
	Number in Catch	118	6,753	830	9,191	34	16,926
	Standard Error	61	359	158	365	33	

Appendix A.11. Temporally stratified age and sex composition of the commercial coho salmon catch from the Copper River District drift gill net fishery, 1987.

		Brood Year and Age Group					
		1985	1984	1983	1982	1981	Total
		0.1	1.1	2.1	3.1	4.1	
Stratum Dates: 5/13 - 8/13							
Sample Dates: 8/08							
Sample Size: 450							
Female	Percent of Sample	0.0	9.3	17.8	1.3	0.0	28.4
	Number in Catch	0	4,193	8,025	586	0	12,805
Male	Percent of Sample	0.4	21.8	44.9	4.3	0.2	71.6
	Number in Catch	180	9,829	20,244	1,939	90	32,282
Total	Percent of Sample	0.4	31.1	62.7	5.6	0.2	100.0
	Number in Catch	180	14,022	28,270	2,525	90	45,087
	Standard Error	134	985	1,029	489	95	
Stratum Dates: 8/17 - 8/26							
Sample Dates: 8/18 - 8/19							
Sample Size: 505							
Female	Percent of Sample	0.0	5.0	13.7	1.8	0.0	20.5
	Number in Catch	0	4,119	11,286	1,483	0	16,887
Male	Percent of Sample	0.2	29.3	45.7	4.3	0.0	79.5
	Number in Catch	165	24,136	37,646	3,542	0	65,489
Total	Percent of Sample	0.2	34.3	59.4	6.1	0.0	100.0
	Number in Catch	165	28,255	48,931	5,025	0	82,376
	Standard Error	164	1,742	1,802	878	0	
Strata Combined: 5/13 - 8/26							
Sample Dates: 8/08 - 8/19							
Sample Size: 955							
Female	Percent of Sample	0.0	6.7	15.3	1.6	0.0	23.7
	Number in Catch	0	8,566	19,554	2,039	0	30,159
Male	Percent of Sample	0.3	26.3	45.4	4.3	0.1	76.3
	Number in Catch	357	33,521	57,843	5,481	102	97,304
Total	Percent of Sample	0.3	33.0	60.7	5.9	0.1	100.0
	Number in Catch	357	42,087	77,397	7,520	102	127,463
	Standard Error	212	2,001	2,075	1,005	95	

Appendix A.12. Estimated age and sex composition of the commercial coho salmon catch in the Bering River District drift gill net fishery, 1987.

		Brood Year and Age Group			
		1984	1983	1982	Total
		1.1	2.1	3.1	
Stratum Dates: 6/15 - 8/26					
Sample Dates: 8/27					
Sample Size: 452					
Female	Percent of Sample	7.3	22.8	1.8	31.9
	Number in Catch	1,158	3,617	285	5,060
Male	Percent of Sample	16.2	48.6	3.3	68.1
	Number in Catch	2,570	7,710	524	10,804
Total	Percent of Sample	23.5	71.4	5.1	100.0
	Number in Catch	3,728	11,327	809	15,864
	Standard Error	317	338	164	

APPENDIX B

Subsistence and Personal Use Salmon Catches
from Upper Copper River.

Appendix B.1. Daily catches of sockeye, chinook and coho salmon in the subsistence and personal use fisheries on the Upper Copper River, 1987. Preliminary catch data from approximately 59% of the subsistence fishery permits and from approximately 93% percent of the personal use fishery permits. This table does not include catches reported with erroneous or missing dates.

Date	Personal Use Catch						Subsistence Catch						Combined Catches					
	Sockeye		Chinook		Coho		Sockeye		Chinook		Coho		Sockeye		Chinook		Coho	
	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.
6/ 1	0	15	0	0	0	0	50	50	3	3	0	0	50	50	3	3	0	0
6/ 2	6	21	0	0	0	0	176	226	5	8	0	0	182	232	5	8	0	0
6/ 3	3	24	1	1	0	0	125	351	14	22	0	0	128	360	15	23	0	0
6/ 4	0	24	0	1	0	0	346	697	13	35	0	0	346	706	13	36	0	0
6/ 5	1,318	1,342	92	93	0	0	166	863	13	48	0	0	1,484	2,190	105	141	0	0
6/ 6	4,466	5,808	395	488	0	0	242	1,105	13	61	0	0	4,708	6,898	408	549	0	0
6/ 7	3,180	8,988	225	713	0	0	182	1,287	8	69	5	5	3,362	10,260	233	782	5	5
6/ 8	32	9,020	5	718	0	0	314	1,601	17	86	0	5	346	10,606	22	804	0	5
6/ 9	0	9,020	0	718	0	0	554	2,155	6	92	0	5	554	11,160	6	810	0	5
6/10	26	9,046	1	719	0	0	532	2,687	15	107	0	5	558	11,718	16	826	0	5
6/11	70	9,116	1	720	0	0	180	2,867	11	118	0	5	250	11,968	12	838	0	5
6/12	1,676	10,792	124	844	0	0	368	3,235	25	143	0	5	2,044	14,012	149	987	0	5
6/13	3,241	14,033	266	1,110	0	0	227	3,462	6	149	0	5	3,468	17,480	272	1,259	0	5
6/14	2,580	16,613	260	1,370	0	0	685	4,147	9	158	0	5	3,265	20,745	269	1,528	0	5
6/15	114	16,727	11	1,381	0	0	995	5,142	27	185	0	5	1,109	21,854	38	1,566	0	5
6/16	0	16,727	0	1,381	0	0	369	5,511	11	196	0	5	369	22,223	11	1,577	0	5
6/17	1	16,728	0	1,381	0	0	244	5,755	15	211	0	5	245	22,468	15	1,592	0	5
6/18	253	16,981	6	1,387	0	0	388	6,143	19	230	0	5	641	23,109	25	1,617	0	5
6/19	837	17,818	66	1,453	0	0	419	6,562	12	242	0	5	1,256	24,365	78	1,695	0	5
6/20	1,520	19,338	183	1,636	0	0	554	7,116	16	258	0	5	2,074	26,439	199	1,894	0	5
6/21	1,557	20,895	162	1,798	1	1	401	7,517	5	263	0	9	1,958	28,397	167	2,061	5	10
6/22	32	20,927	0	1,798	0	1	494	8,011	14	277	0	9	526	28,923	14	2,075	0	10
6/23	15	20,942	0	1,798	0	1	290	8,301	6	283	0	9	305	29,228	6	2,081	0	10
6/24	165	21,107	21	1,819	0	1	79	8,380	6	289	0	9	244	29,472	27	2,108	0	10
6/25	619	21,726	56	1,875	0	1	294	8,674	6	295	0	9	913	30,385	62	2,170	0	10
6/26	763	22,489	51	1,926	0	1	359	9,033	9	304	0	9	1,122	31,507	60	2,230	0	10
6/27	1,196	23,685	107	2,033	2	3	131	9,164	1	305	0	9	1,327	32,834	108	2,338	2	12
6/28	906	24,591	72	2,105	0	3	73	9,237	7	312	0	9	979	33,813	79	2,417	0	12
6/29	9	24,600	2	2,107	0	3	124	9,361	4	316	0	9	133	33,946	6	2,423	0	12
6/30	15	24,615	5	2,112	0	3	1,207	10,568	16	332	0	9	1,222	35,168	21	2,444	0	12

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Appendix B.1. (p.2 of 4)

Date	Personal Use Catch						Subsistence Catch						Combined Catches					
	Sockeye		Chinook		Coho		Sockeye		Chinook		Coho		Sockeye		Chinook		Coho	
	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.
7/ 1	133	24,748	13	2,125	0	3	22	10,590	0	332	0	9	155	35,323	13	2,457	0	12
7/ 2	250	24,998	15	2,140	0	3	142	10,732	3	335	0	9	392	35,715	18	2,475	0	12
7/ 3	256	25,254	32	2,172	0	3	151	10,883	3	338	0	9	407	36,122	35	2,510	0	12
7/ 4	625	25,879	46	2,218	0	3	127	11,010	5	343	0	9	752	36,874	51	2,561	0	12
7/ 5	299	26,178	24	2,242	0	3	319	11,329	4	347	0	9	618	37,492	28	2,589	0	12
7/ 6	8	26,186	5	2,247	0	3	76	11,405	0	347	0	9	84	37,576	5	2,594	0	12
7/ 7	21	26,207	4	2,251	0	3	416	11,821	35	382	0	9	437	38,013	39	2,633	0	12
7/ 8	193	26,400	19	2,270	0	3	387	12,208	11	393	0	9	580	38,593	30	2,663	0	12
7/ 9	470	26,870	34	2,304	0	3	201	12,409	7	400	8	17	671	39,264	41	2,704	8	20
7/10	648	27,518	65	2,369	10	13	393	12,802	7	407	0	17	1,041	40,305	72	2,776	10	30
7/11	1,426	28,944	71	2,440	0	13	267	13,069	7	414	0	17	1,693	41,998	78	2,854	0	30
7/12	806	29,750	28	2,468	0	13	419	13,488	11	425	2	19	1,225	43,223	39	2,893	2	32
7/13	619	30,369	15	2,483	0	13	247	13,735	4	429	0	19	866	44,089	19	2,912	0	32
7/14	498	30,867	21	2,504	0	13	350	14,085	11	440	0	19	848	44,937	32	2,944	0	32
7/15	273	31,140	18	2,522	0	13	1,376	15,461	22	462	0	19	1,649	46,586	40	2,984	0	32
7/16	399	31,539	19	2,541	0	13	336	15,797	17	479	0	19	735	47,321	36	3,020	0	32
7/17	516	32,055	15	2,556	0	13	291	16,088	3	482	0	19	807	48,128	18	3,038	0	32
7/18	1,437	33,492	38	2,594	0	13	265	16,353	2	484	0	19	1,702	49,830	40	3,078	0	32
7/19	497	33,989	14	2,608	0	13	219	16,572	4	488	0	19	716	50,546	18	3,096	0	32
7/20	233	34,222	14	2,622	0	13	401	16,973	2	490	0	19	634	51,180	16	3,112	0	32
7/21	390	34,612	6	2,628	0	13	155	17,128	5	495	0	19	545	51,725	11	3,123	0	32
7/22	278	34,890	3	2,631	0	13	370	17,498	5	500	0	19	648	52,373	8	3,131	0	32
7/23	99	34,989	3	2,634	0	13	120	17,618	0	500	0	19	219	52,592	3	3,134	0	32
7/24	96	35,085	1	2,635	0	13	197	17,815	0	500	0	19	293	52,885	1	3,135	0	32
7/25	348	35,433	2	2,637	0	13	298	18,113	2	502	0	19	646	53,531	4	3,139	0	32
7/26	246	35,679	5	2,642	0	13	78	18,191	2	504	0	19	324	53,855	7	3,146	0	32
7/27	102	35,781	0	2,642	0	13	254	18,445	6	510	0	19	356	54,211	6	3,152	0	32
7/28	17	35,798	0	2,642	0	13	184	18,629	7	517	0	19	201	54,412	7	3,159	0	32
7/29	65	35,863	0	2,642	8	21	139	18,768	5	522	0	19	204	54,616	5	3,164	8	40
7/30	65	35,928	0	2,642	0	21	132	18,900	1	523	0	19	197	54,813	1	3,165	0	40
7/31	77	36,005	0	2,642	0	21	98	18,998	2	525	0	19	175	54,988	2	3,167	0	40

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Appendix B.1. (p. 3 of 4)

Date	Personal Use Catch						Subsistence Catch						Combined Catches					
	Sockeye		Chinook		Coho		Sockeye		Chinook		Coho		Sockeye		Chinook		Coho	
	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.
8/ 1	213	36,218	3	2,645	0	21	177	19,175	1	526	0	19	390	55,378	4	3,171	0	40
8/ 2	282	36,500	1	2,646	0	21	62	19,237	1	527	0	19	344	55,722	2	3,173	0	40
8/ 3	85	36,585	1	2,647	0	21	197	19,434	0	527	0	19	282	56,004	1	3,174	0	40
8/ 4	98	36,683	0	2,647	0	21	173	19,607	3	530	0	19	271	56,275	3	3,177	0	40
8/ 5	138	36,821	4	2,651	0	21	58	19,665	1	531	0	19	196	56,471	5	3,182	0	40
8/ 6	282	37,103	0	2,651	0	21	32	19,697	0	531	0	19	314	56,785	0	3,182	0	40
8/ 7	176	37,279	1	2,652	0	21	104	19,801	0	531	0	19	280	57,065	1	3,183	0	40
8/ 8	337	37,616	2	2,654	0	21	82	19,883	1	532	0	19	419	57,484	3	3,186	0	40
8/ 9	212	37,828	0	2,654	0	21	67	19,950	3	535	0	19	279	57,763	3	3,189	0	40
8/10	98	37,926	0	2,654	0	21	214	20,164	2	537	0	19	312	58,075	2	3,191	0	40
8/11	130	38,056	0	2,654	0	21	230	20,394	2	539	0	19	360	58,435	2	3,193	0	40
8/12	147	38,203	17	2,671	0	21	81	20,475	0	539	0	19	228	58,663	17	3,210	0	40
8/13	44	38,247	1	2,672	4	25	96	20,571	0	539	0	19	140	58,803	1	3,211	4	44
8/14	69	38,316	1	2,673	3	28	113	20,684	0	539	0	19	182	58,985	1	3,212	3	47
8/15	168	38,484	0	2,673	2	30	184	20,868	0	539	0	19	352	59,337	0	3,212	2	49
8/16	61	38,545	2	2,675	0	30	17	20,885	0	539	0	19	78	59,415	2	3,214	0	49
8/17	37	38,582	0	2,675	0	30	14	20,899	0	539	0	19	51	59,466	0	3,214	0	49
8/18	138	38,720	0	2,675	0	30	18	20,917	1	540	0	19	156	59,622	1	3,215	0	49
8/19	87	38,807	0	2,675	2	32	32	20,949	0	540	0	19	119	59,741	0	3,215	2	51
8/20	108	38,915	1	2,676	1	33	118	21,067	1	541	0	19	226	59,967	2	3,217	1	52
8/21	50	38,965	0	2,676	0	33	66	21,133	0	541	0	19	116	60,083	0	3,217	0	52
8/22	168	39,133	0	2,676	5	38	0	21,133	0	541	0	19	168	60,251	0	3,217	5	57
8/23	47	39,180	0	2,676	4	42	70	21,203	0	541	12	31	117	60,368	0	3,217	16	73
8/24	132	39,312	1	2,677	12	54	79	21,282	0	541	3	34	211	60,579	1	3,218	15	88
8/25	40	39,352	0	2,677	1	55	260	21,542	0	541	5	39	300	60,879	0	3,218	6	94
8/26	0	39,352	0	2,677	4	59	11	21,553	0	541	0	39	11	60,890	0	3,218	4	98
8/27	34	39,386	0	2,677	14	73	480	22,033	0	541	0	39	514	61,404	0	3,218	14	112
8/28	21	39,407	0	2,677	20	93	0	22,033	0	541	0	39	21	61,425	0	3,218	20	132
8/29	3	39,410	0	2,677	13	106	144	22,177	0	541	7	46	147	61,572	0	3,218	20	152
8/30	13	39,423	0	2,677	7	113	8	22,185	0	541	0	46	21	61,593	0	3,218	7	159
8/31	2	39,425	0	2,677	12	125	0	22,185	0	541	0	46	2	61,595	0	3,218	12	171

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Appendix B.1. (p. 4 of 4)

Date	Personal Use Catch						Subsistence Catch						Combined Catches					
	Sockeye		Chinook		Coho		Sockeye		Chinook		Coho		Sockeye		Chinook		Coho	
	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.
9/ 1	0	39,425	0	2,677	0	125	28	22,213	0	541	8	54	15	61,610	0	3,218	8	179
9/ 2	0	39,425	0	2,677	0	125	0	22,213	0	541	0	54	54	61,664	0	3,218	0	179
9/ 3	21	39,446	0	2,677	0	125	3	22,216	0	541	0	54	24	61,688	0	3,218	0	179
9/ 4	23	39,469	14	2,691	7	132	4	22,220	0	541	0	54	27	61,715	14	3,232	7	186
9/ 5	11	39,480	4	2,695	43	175	2	22,222	0	541	12	66	13	61,728	4	3,236	55	241
9/ 6	6	39,486	1	2,696	45	220	13	22,235	0	541	0	66	19	61,747	1	3,237	45	286
9/ 7	6	39,492	0	2,696	0	220	0	22,235	0	541	0	66	6	61,753	0	3,237	0	286
9/ 8	0	39,492	0	2,696	6	226	0	22,235	0	541	10	76	0	61,753	0	3,237	16	302
9/ 9	0	39,492	0	2,696	1	227	0	22,235	0	541	0	76	0	61,753	0	3,237	1	303
9/10	4	39,496	0	2,696	5	232	9	22,244	0	541	0	76	13	61,766	0	3,237	5	308
9/11	5	39,501	0	2,696	5	237	0	22,244	0	541	0	76	5	61,771	0	3,237	5	313
9/12	6	39,507	5	2,701	136	373	0	22,244	0	541	2	78	6	61,777	5	3,242	138	451
9/13	0	39,507	0	2,701	0	373	0	22,244	0	541	8	86	0	61,777	0	3,242	8	459
9/14	0	39,507	0	2,701	13	386	24	22,268	0	541	11	97	24	61,801	0	3,242	24	483
9/15	0	39,507	0	2,701	0	386	0	22,268	0	541	0	97	0	61,801	0	3,242	0	483
9/16	3	39,510	0	2,701	3	389	0	22,268	0	541	0	97	3	61,804	0	3,242	3	486
9/17	6	39,516	3	2,704	0	389	0	22,268	0	541	0	97	6	61,810	3	3,245	0	486
9/18	55	39,571	0	2,704	0	389	0	22,268	0	541	0	97	55	61,865	0	3,245	0	486
9/19	2	39,573	0	2,704	2	391	0	22,268	0	541	0	97	2	61,867	0	3,245	2	488
9/20	0	39,573	0	2,704	0	391	0	22,268	0	541	0	97	0	61,867	0	3,245	0	488
9/21	0	39,573	0	2,704	0	391	0	22,268	0	541	0	97	0	61,867	0	3,245	0	488
9/22	0	39,573	0	2,704	0	391	0	22,268	0	541	0	97	0	61,867	0	3,245	0	488
9/23	0	39,573	0	2,704	0	391	6	22,274	0	541	3	100	6	61,873	0	3,245	3	491
9/24	0	39,573	0	2,704	0	391	3	22,277	0	541	0	100	3	61,876	0	3,245	0	491
9/25	0	39,573	0	2,704	0	391	0	22,277	0	541	0	100	0	61,876	0	3,245	0	491
9/26	0	39,573	0	2,704	0	391	6	22,283	0	541	4	104	6	61,882	0	3,245	4	495
9/27	0	39,573	0	2,704	0	391	0	22,283	0	541	0	104	0	61,882	0	3,245	0	495
9/28	0	39,573	0	2,704	0	391	0	22,283	0	541	0	104	0	61,882	0	3,245	0	495
9/29	0	39,573	0	2,704	0	391	0	22,283	0	541	0	104	0	61,882	0	3,245	0	495
9/30	0	39,573	0	2,704	0	391	3	22,286	0	541	0	104	3	61,885	0	3,245	0	495
Total	39,573		2,704		391		22,286		541		104		61,885		3,245		495	

Appendix B.2. Temporally stratified age and sex composition of the sockeye salmon catches in the subsistence and personal use fisheries on the Upper Copper River, 1987.

		Brood Year and Age Group											Total
		1984		1983			1982			1981		1980	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates:	6/01 - 6/09												
Sample Dates:	6/05 - 6/07												
Sample Size:	560												
Female	Percent of Sample	0.0	0.0	3.0	0.5	0.0	0.0	37.7	0.7	0.0	8.2	0.0	50.1
	Number in Catch	0	0	335	56	0	0	4,208	78	0	915	0	5,592
Male	Percent of Sample	0.0	0.0	5.0	0.9	0.0	0.0	36.8	0.2	0.0	6.8	0.2	49.9
	Number in Catch	0	0	558	100	0	0	4,107	22	0	759	22	5,568
Total	Percent of Sample	0.0	0.0	8.0	1.4	0.0	0.0	74.5	0.9	0.0	15.0	0.2	100.0
	Number in Catch	0	0	893	156	0	0	8,315	100	0	1,674	22	11,160
	Standard Error	0	0	128	55	0	0	206	45	0	169	21	
Stratum Dates:	6/10 - 6/16												
Sample Dates:	6/12 - 6/14												
Sample Size:	567												
Female	Percent of Sample	0.2	0.0	1.6	3.2	0.0	0.0	37.0	1.2	0.0	8.6	0.0	51.8
	Number in Catch	22	0	177	354	0	0	4,093	133	0	951	0	5,730
Male	Percent of Sample	0.2	0.0	1.1	0.7	0.0	0.0	40.0	0.2	0.0	6.0	0.0	48.2
	Number in Catch	22	0	122	77	0	0	4,426	22	0	664	0	5,333
Total	Percent of Sample	0.4	0.0	2.7	3.9	0.0	0.0	77.0	1.4	0.0	14.6	0.0	100.0
	Number in Catch	44	0	299	431	0	0	8,519	155	0	1,615	0	11,063
	Standard Error	29	0	75	90	0	0	196	55	0	164	0	

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Appendix B.2. (p.2 of 4)

		Brood Year and Age Group											Total
		1984		1983			1982			1981		1980	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates: 6/17 - 6/23													
Sample Dates: 6/19 - 6/21													
Sample Size: 402													
Female	Percent of Sample	0.2	0.0	2.2	5.2	0.0	0.0	35.7	2.0	0.2	5.7	0.0	51.2
	Number in Catch	14	0	154	364	0	0	2,501	140	14	400	0	3,587
Male	Percent of Sample	0.0	0.0	1.0	2.0	0.0	0.0	39.1	0.5	0.5	5.7	0.0	48.8
	Number in Catch	0	0	70	140	0	0	2,738	35	35	400	0	3,418
Total	Percent of Sample	0.2	0.0	3.2	7.2	0.0	0.0	74.8	2.5	0.7	11.4	0.0	100.0
	Number in Catch	14	0	224	504	0	0	5,239	175	49	800	0	7,005
	Standard Error	16	0	62	90	0	0	152	55	29	111	0	
Stratum Dates: 6/24 - 7/01													
Sample Dates: 6/25 - 6/28													
Sample Size: 598													
Female	Percent of Sample	0.0	0.0	2.7	4.3	0.0	0.0	36.5	1.5	0.0	5.4	0.0	50.4
	Number in Catch	0	0	165	262	0	0	2,225	92	0	329	0	3,073
Male	Percent of Sample	0.2	0.0	1.5	2.7	0.2	0.2	39.1	0.3	0.0	5.4	0.0	49.6
	Number in Catch	12	0	91	165	12	12	2,383	18	0	329	0	3,022
Total	Percent of Sample	0.2	0.0	4.2	7.0	0.2	0.2	75.6	1.8	0.0	10.8	0.0	100.0
	Number in Catch	12	0	256	427	12	12	4,608	110	0	658	0	6,095
	Standard Error	11	0	50	64	11	11	107	33	0	77	0	

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-08-

		Brood Year and Age Group											Total
		1984		1983			1982			1981		1980	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates:	7/02 - 7/10												
Sample Dates:	7/03 - 7/04												
Sample Size:	265												
Female	Percent of Sample	0.4	0.0	1.9	5.3	0.8	0.0	43.8	1.5	0.0	0.8	0.0	54.5
	Number in Catch	20	0	94	264	40	0	2,182	75	0	40	0	2,715
Male	Percent of Sample	0.0	0.0	1.1	1.9	0.0	0.0	39.9	0.0	0.0	2.6	0.0	45.5
	Number in Catch	0	0	55	95	0	0	1,988	0	0	129	0	2,267
Total	Percent of Sample	0.4	0.0	3.0	7.2	0.8	0.0	83.7	1.5	0.0	3.4	0.0	100.0
	Number in Catch	20	0	149	359	40	0	4,170	75	0	169	0	4,982
	Standard Error	19	0	52	79	27	0	113	37	0	56	0	
Stratum Dates:	7/11 - 7/21												
Sample Dates:	7/12 - 7/17												
Sample Size:	522												
Female	Percent of Sample	0.0	0.0	1.3	5.6	0.0	0.0	46.4	1.3	0.0	2.1	0.0	56.7
	Number in Catch	0	0	148	640	0	0	5,298	148	0	240	0	6,474
Male	Percent of Sample	0.0	0.2	0.6	3.1	0.2	0.0	38.0	0.2	0.0	1.0	0.0	43.3
	Number in Catch	0	23	69	354	23	0	4,340	23	0	114	0	4,946
Total	Percent of Sample	0.0	0.2	1.9	8.7	0.2	0.0	84.4	1.5	0.0	3.1	0.0	100.0
	Number in Catch	0	23	217	994	23	0	9,638	171	0	354	0	11,420
	Standard Error	0	22	68	141	22	0	182	61	0	87	0	

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Appendix B.2. (p. 4 of 4)

		Brood Year and Age Group											Total
		1984		1983			1982			1981		1980	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates:		7/22 - 9/30											
Sample Dates:		7/25 - 8/02											
Sample Size:		530											
Female	Percent of Sample	0.0	0.0	0.3	9.1	0.0	0.0	42.3	0.6	0.0	1.0	0.0	53.3
	Number in Catch	0	0	30	921	0	0	4,281	61	0	101	0	5,394
Male	Percent of Sample	0.0	0.3	0.4	4.6	0.0	0.0	40.7	0.0	0.0	0.7	0.0	46.7
	Number in Catch	0	30	41	465	0	0	4,118	0	0	71	0	4,725
Total	Percent of Sample	0.0	0.3	0.7	13.7	0.0	0.0	83.0	0.6	0.0	1.7	0.0	100.0
	Number in Catch	0	30	71	1,386	0	0	8,399	61	0	172	0	10,119
	Standard Error	0	24	37	151	0	0	165	34	0	57	0	
Strata Combined:		6/01 - 9/30											
Sample Dates:		6/05 - 8/02											
Sample Size:		3,444											
Female	Percent of Sample	0.1	0.0	1.8	4.6	0.1	0.0	40.1	1.2	0.0	4.8	0.0	52.7
	Number in Catch	56	0	1,103	2,861	40	0	24,788	727	14	2,976	0	32,565
Male	Percent of Sample	0.1	0.1	1.6	2.3	0.1	0.0	39.0	0.2	0.1	4.0	0.0	47.3
	Number in Catch	34	53	1,006	1,396	35	12	24,100	120	35	2,466	22	29,279
Total	Percent of Sample	0.1	0.1	3.4	6.9	0.1	0.0	79.1	1.4	0.1	8.8	0.0	100.0
	Number in Catch	90	53	2,109	4,257	75	12	48,888	847	49	5,442	22	61,844
	Standard Error	40	33	193	269	37	11	434	124	29	296	21	

APPENDIX C

Salmon Escapements to the Upper Copper River

Appendix C.1. Daily Copper River salmon escapement estimates at the Miles Lake sonar project, 1987.

Date	North Bank	South Bank	Total Daily	Cumulative Total
5/13				
5/14				
5/15				
5/16				
5/17				
5/18				
5/19				
5/20	167 ^a		167	167
5/21		36 ^a	36	203
5/22		482 ^b	482	685
5/23	131 ^a	1,601	1,732	2,417
5/24	235 ^a	1,805	2,040	4,457
5/25	375 ^a	3,888	4,263	8,720
5/26	139 ^a	6,976	7,115	15,835
5/27	48	12,128	12,176	28,011
5/28	370 ^a	16,022	16,392	44,403
5/29		14,485	14,485	58,888
5/30	439 ^a	17,757	18,196	77,084
5/31		18,540	18,540	95,624
6/01	45 ^a	16,350	16,395	112,019
6/02		14,385	14,385	126,404
6/03	80	17,586	17,666	144,070
6/04	215	14,417	14,632	158,702
6/05	154	10,808	10,962	169,664
6/06	90	4,232 ^d	4,322	173,986
6/07	96	5,659 ^d	5,755	179,741
6/08	224	6,142	6,366	186,107
6/09	240	7,682	7,922	194,029
6/10	144	11,409	11,553	205,582
6/11		11,194	11,194	216,776
6/12		6,506	6,506	223,282
6/13		4,053	4,053	227,335
6/14	49	8,004	8,053	235,388
6/15		5,485	5,485	240,873
6/16		5,516	5,516	246,389
6/17	12 ^a	5,394	5,406	251,795
6/18		4,815	4,815	256,610
6/19	24	3,959	3,983	260,593
6/20	22	3,911	3,933	264,526
6/21		3,924	3,924	268,450
6/22	600 ^a	5,779	6,379	274,829
6/23	72	10,039	10,111	284,940
6/24	144	15,564	15,708	300,648
6/25	96 ^a	16,421	16,517	317,165
6/26	24 ^a	12,476	12,500	329,665
6/27	48	6,962	7,010	336,675
6/28	96	5,548	5,644	342,319
6/29	120	6,716	6,836	349,155
6/30		4,636	4,636	353,791

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Appendix C.1. (p. 2 of 2)

Date	North Bank	South Bank	Total Daily	Cumulative Total
7/01		2,012	2,012	355,803
7/02		3,406	3,406	359,209
7/03		4,096	4,096	363,305
7/04		7,100	7,100	370,405
7/05		4,351	4,351	374,756
7/06		3,393	3,393	378,149
7/07	384 ^a	5,617	6,001	384,150
7/08	189	6,616	6,616	390,766
7/09	1,645	6,163	6,352	397,118
7/10	1,856	6,940	8,585	405,703
7/11	1,038	3,466	5,322	411,025
7/12	561	4,719	5,757	416,782
7/13	526	6,022	6,583	423,365
7/14	945	5,913	6,439	429,804
7/15	547	4,777	5,722	435,526
7/16	455	5,712	6,259	441,785
7/17	1,153	4,012	4,467	446,252
7/18	942	3,467	4,620	450,872
7/19	500	3,185	4,127	454,999
7/20	195	3,134	3,634	458,633
7/21	276	2,246	2,441	461,074
7/22	328	997	1,273	462,347
7/23	79	674	1,002	463,349
7/24	247	546	625	463,974
7/25	368	1,767	2,014	465,988
7/26	194 ^e		368	466,356
7/27		432 ^f	626	466,982
7/28		2,494	2,494	469,476
7/29		2,341	2,341	471,817
7/30		2,075	2,075	473,892
7/31	672 ^a	2,226	2,898	476,790
8/01		2,726	2,726	479,516
8/02		1,299	1,299	480,815
8/03		1,702	1,702	482,517
8/04		1,499	1,499	484,016
8/05		518 ^g	518	484,534
8/06				
8/07				
8/08				
8/09				
8/10				
Total	17,599	466,935	484,534	484,534

a Interpolated from test fishing data.
b South bank transducer and artificial substrate deployed 5/22.
c Extrapolated from partial sonar estimate.
d South bank transducer deployed on the permanent substrate.

e 16 hour partial count
f 4 hour partial count
g 8 hour partial count, south bank transducer pulled.

Appendix C.2. Sockeye salmon escapement through the Long Lake Weir, 1987. Data collected by Cliff Collins and family of Long Lake, Alaska.

Date	Escapement		Date	Escapement	
	Daily	Cumulative		Daily	Cumulative
07/23	0	0	08/23	1,000	4,405
07/24	0	0	08/24	902	5,307
07/25	0	0	08/25	116	5,423
07/26	0	0	08/26	196	5,619
07/27	0	0	08/27	424	6,043
07/28	0	0	08/28	1,012	7,055
07/29	0	0	08/29	56	7,111
07/30	0	0	08/30	166	7,277
07/31	0	0	08/31	40	7,317
08/01	0	0	09/01	99	7,416
08/02	0	0	09/02	52	7,468
08/03	0	0	09/03	9	7,477
08/04	0	0	09/04	3,137	10,614
08/05	0	0	09/05	338	10,952
08/06	5	5	09/06	190	11,142
08/07	0	5	09/07	136	11,278
08/08	0	5	09/08	533	11,811
08/09	0	5	09/09	569	12,380
08/10	0	5	09/10	422	12,802
08/11	0	5	09/11	72	12,874
08/12	12	17	09/12	181	13,055
08/13	0	17	09/13	302	13,357
08/14	203	220	09/14	0	13,357
08/15	294	514	09/15	22	13,379
08/16	63	577	09/16	213	13,592
08/17	373	950	09/17	31	13,623
08/18	23	973	09/18	0	13,623
08/19	111	1,084	09/19	0	13,623
08/20	534	1,618	09/20	10	13,633
08/21	924	2,542	Total		13,633
08/22	863	3,405			

Appendix C.3. Aerial escapement indices by date and location for the sockeye, chinook, and coho salmon returning to the upper Copper River drainage, 1987.

Location	Date	Method	Sockeye	Chinook	Coho
Bremner River					
Peninsula Lake	8/25	A	125		
Little Bremner River	NS				
Steamboat Lake	8/25	A	370		
Eagle Creek	NS				
Salmon Creek	7/29	A	1,150		
Price Creek	8/25	A	0		
Unnamed Creek #1	8/25	A	6		
Unnamed Creek #2	8/25	A	0		
Tasnuna River					
	NS				
Whiting Falls Creek					
	NS				
Unnamed Tributary					
	8/25	A	30		
Tiekel Lake					
	8/25	A	15		
Swan Lakes					
Lake #1	7/29	A	5		
Lake #2	7/29	A	350		
Lake #3	7/29	A	5		
Lake #4	7/29	A	10		
Tonsina River					
Lower Tonsina Creek	9/22	A	15		
Little Tonsina River	7/27	A		247	
Fourth of July Creek	NS				
Tonsina Lake	9/22	A	740		
Bernard Creek	7/27	A		9	
Greyling Creek	7/27	A		112	
Dust Creek	7/27	A		1	
Unnamed Creek	NS				
Klutina River					
	9/22	A	2,900		
Manker Creek	7/27	A		141	
Mahlo Creek	7/27	A	2,350	8	
Island Lake	9/22	A	2,300		
1884 Lake	8/25	A	0		
Hallet Slough Beach	8/25	A	350		
Curtis Creek	NS				
St. Anne Creek	7/27	A	6,980	192	
Klutina Inlet	NS				

-continued-

Appendix C.3. (page 2 of 3)

Location	Date	Method	Sockeye	Chinook	Coho
Tazlina River					
Upper Mendeltna Creek	6/23	A	725		
Mendeltna Creek	7/27 8/24	A	2,275	10	
Kiana Creek	7/27	A	273	80	
Tazlina Lake	NS				
Gulkana River					
Mouth to West Fork					
West Fork	7/20	A	660	55	
Moose Creek	7/20	A		13	
Keg Creek	7/20	A	400		
Victor Creek	7/20	A	610		
West Fork to Middle Fork	7/20 7/28	A	800	883	
Middle Fork	7/20 7/28	A	580	153	
Dickey Lake	7/20	A	360		
Swede Lake	7/28	A	113		
Hungry Hollow Creek	7/20	A		62	
East Fork					
East Fork to Paxson Lake	8/24 7/28	A	5,100	62	
Paxson Lake	8/24	A	0		
Paxson Lake Inlet	9/15	A	5,800		
Inlet to Mud Creek	7/20	A	4,250		
Mud Creek and Lake	7/20	A	0		
Mud Creek to Summit Lake	9/29	A	9,050		
Fish Lake	8/24	A	9,530		
Summit Lake	10/14	A	80		
Gunn Creek	10/14	A	8,100		
Gunn Lake Creek	10/14	A	100		
Gakona River					
Spring Creek	7/21	A		154	
Alder Creek	7/20	A	85		
Drop Creek	7/24	A		22	
Tributary near Boulder Creek	7/24	A		17	
Sinona Creek	NS				
Bear Creek	7/24	A		5	
Chistochina River					
East Fork	7/21	A		764	
Eagle Creek	7/21	A	45	8	
Mankomen Lake	NS				

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Appendix C.3. (page 3 of 3)

Location	Date	Method	Sockeye	Chinook
Slana River				
Mentasta Lake	7/21	A	1,800	
Fish Creek	7/21	A	250	
Bad Crossing #1	7/21	A	375	
Bad Crossing #2	7/21	A	2,200	
Granite Creek	NS			
Bone Creek	7/21	A	1,350	20
Slana Sloughs	7/21	A	100	
Suslositna Lake (New)	7/21	A	250	
Suslota Lake	8/24	A	970	
Smith Creek (New)	7/21	A	10	
Natat Creek (New)	7/21	A		2
Indian River	7/9	A		33
Ahtell Creek	7/21	A		8
Tanada Creek				
Tanada Lake	9/15	A	4,950	
Tanada Lake Outlet	9/15	A	3,400	
Copper Creek				
Copper Lake	9/15	A	785	
Tebay River	7/29	A	0	
Chokosna River	NS			
Lakina River				
Long Lake	9/22	A	1,225	
Nizina River				
Spruce Point Creek	NS			
Trumpeter Lake	NS			
Lake Creek	NS			
Clear Creek (Chitina River)	NS			
Tana River				
Tana River Clear Channels	8/25	A	445	
Tana Lake Inlet	9/22	A	40	
West Fork Channels	8/25	A	12	
Chakina River				
Monahan Creek	NS			
Totals			84,799	3,061

Appendix C.4. Estimated age and sex composition of the Upper Copper River sockeye salmon escapement past the Miles Lake Sonar Project, 1987.
The sample dates are the dates fish were sampled in the Upriver subsistence and personal use fisheries at Chitina.

		Brood Year and Age Group											Total
		1984		1983		1982			1981		1980		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates: 5/20 - 5/29													
Sample Dates: 6/05 - 6/07													
Sample Size: 560													
Female	Percent of Sample	0.0	0.0	3.0	0.5	0.0	0.0	37.7	0.7	0.0	8.2	0.0	50.1
	Number in Escapement	0	0	1,767	294	0	0	22,201	412	0	4,829	0	29,503
Male	Percent of Sample	0.0	0.0	5.0	0.9	0.0	0.0	36.8	0.2	0.0	6.8	0.2	49.9
	Number in Escapement	0	0	2,944	530	0	0	21,671	118	0	4,004	118	29,385
Total	Percent of Sample	0.0	0.0	8.0	1.4	0.0	0.0	74.5	0.9	0.0	15.0	0.2	100.0
	Number in Escapement	0	0	4,711	824	0	0	43,872	530	0	8,833	118	58,888
	Standard Error	0	0	676	293	0	0	1,086	235	0	889	111	
Stratum Dates: 5/30 - 6/04													
Sample Dates: 6/12 - 6/14													
Sample Size: 567													
Female	Percent of Sample	0.2	0.0	1.6	3.2	0.0	0.0	37.0	1.2	0.0	8.6	0.0	51.8
	Number in Escapement	200	0	1,597	3,194	0	0	36,930	1,198	0	8,584	0	51,703
Male	Percent of Sample	0.2	0.0	1.1	0.7	0.0	0.0	40.0	0.2	0.0	6.0	0.0	48.2
	Number in Escapement	200	0	1,098	699	0	0	39,925	200	0	5,989	0	48,111
Total	Percent of Sample	0.4	0.0	2.7	3.9	0.0	0.0	77.0	1.4	0.0	14.6	0.0	100.0
	Number in Escapement	400	0	2,695	3,893	0	0	76,855	1,398	0	14,573	0	99,814
	Standard Error	265	0	680	812	0	0	1,766	493	0	1,481	0	

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Appendix C.4. (p. 2 of 4)

		Brood Year and Age Group											Total
		1984		1983		1982			1981		1980		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates:		6/05 - 6/11											
Sample Dates:		6/19 - 6/21											
Sample Size:		402											
Female	Percent of Sample	0.2	0.0	2.2	5.2	0.0	0.0	35.7	2.0	0.2	5.7	0.0	51.2
	Number in Escapement	116	0	1,278	3,020	0	0	20,732	1,161	116	3,310	0	29,733
Male	Percent of Sample	0.0	0.0	1.0	2.0	0.0	0.0	39.1	0.5	0.5	5.7	0.0	48.8
	Number in Escapement	0	0	581	1,161	0	0	22,707	291	291	3,310	0	28,341
Total	Percent of Sample	0.2	0.0	3.2	7.2	0.0	0.0	74.8	2.5	0.7	11.4	0.0	100.0
	Number in Escapement	116	0	1,859	4,181	0	0	43,439	1,452	407	6,620	0	58,074
	Standard Error	130	0	510	750	0	0	1,259	453	242	922	0	
Stratum Dates:		6/12 - 6/18											
Sample Dates:		6/25 - 6/28											
Sample Size:		598											
Female	Percent of Sample	0.0	0.0	2.7	4.3	0.0	0.0	36.5	1.5	0.0	5.4	0.0	50.4
	Number in Escapement	0	0	1,076	1,712	0	0	14,539	597	0	2,151	0	20,075
Male	Percent of Sample	0.2	0.0	1.5	2.7	0.2	0.2	39.1	0.3	0.0	5.4	0.0	49.6
	Number in Escapement	80	0	597	1,076	80	80	15,575	120	0	2,151	0	19,759
Total	Percent of Sample	0.2	0.0	4.2	7.0	0.2	0.2	75.6	1.8	0.0	10.8	0.0	100.0
	Number in Escapement	80	0	1,673	2,788	80	80	30,114	717	0	4,302	0	39,834
	Standard Error	73	0	327	416	73	73	700	217	0	506	0	

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		Brood Year and Age Group											Total
		1984		1983		1982			1981		1980		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates: 6/19 - 6/26													
Sample Dates: 7/03 - 7/09													
Sample Size: 265													
Female	Percent of Sample	0.4	0.0	1.9	5.3	0.8	0.0	43.8	1.5	0.0	0.8	0.0	54.5
	Number in Escapement	292	0	1,388	3,872	584	0	31,998	1,096	0	584	0	39,814
Male	Percent of Sample	0.0	0.0	1.1	1.9	0.0	0.0	39.9	0.0	0.0	2.6	0.0	45.5
	Number in Escapement	0	0	804	1,388	0	0	29,149	0	0	1,900	0	33,241
Total	Percent of Sample	0.4	0.0	3.0	7.2	0.8	0.0	83.7	1.5	0.0	3.4	0.0	100.0
	Number in Escapement	292	0	2,192	5,260	584	0	61,147	1,096	0	2,484	0	73,055
	Standard Error	284	0	767	1,162	401	0	1,661	547	0	815	0	
Stratum Dates: 6/27 - 7/06													
Sample Dates: 7/12 - 7/17													
Sample Size: 522													
Female	Percent of Sample	0.0	0.0	1.3	5.6	0.0	0.0	46.4	1.3	0.0	2.1	0.0	56.7
	Number in Escapement	0	0	630	2,715	0	0	22,497	630	0	1,018	0	27,490
Male	Percent of Sample	0.0	0.2	0.6	3.1	0.2	0.0	38.0	0.2	0.0	1.0	0.0	43.3
	Number in Escapement	0	97	291	1,503	97	0	18,424	97	0	485	0	20,994
Total	Percent of Sample	0.0	0.2	1.9	8.7	0.2	0.0	84.4	1.5	0.0	3.1	0.0	100.0
	Number in Escapement	0	97	921	4,218	97	0	40,921	727	0	1,503	0	48,484
	Standard Error	0	95	290	599	95	0	771	258	0	368	0	

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		Brood Year and Age Group											Total
		1984		1983		1982			1981		1980		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	
Stratum Dates:		7/07 - 8/02											
Sample Dates:		7/25 - 8/02											
Sample Size:		530											
Female	Percent of Sample	0.0	0.0	0.3	9.1	0.0	0.0	42.3	0.6	0.0	1.0	0.0	53.3
	Number in Escapement	0	0	305	9,247	0	0	42,981	610	0	1,016	0	54,159
Male	Percent of Sample	0.0	0.3	0.4	4.6	0.0	0.0	40.7	0.0	0.0	0.7	0.0	46.7
	Number in Escapement	0	305	406	4,674	0	0	41,355	0	0	711	0	47,451
Total	Percent of Sample	0.0	0.3	0.7	13.7	0.0	0.0	83.0	0.6	0.0	1.7	0.0	100.0
	Number in Escapement	0	305	711	13,921	0	0	84,336	610	0	1,727	0	101,610
	Standard Error	0	242	368	1,519	0	0	1,659	341	0	571	0	
Strata Combined:		5/20 - 8/02											
Sample Dates:		6/05 - 8/02											
Sample Size:		3,444											
Female	Percent of Sample	0.1	0.0	1.7	5.0	0.1	0.0	40.0	1.2	0.0	4.5	0.0	52.6
	Number in Escapement	608	0	8,041	24,054	584	0	191,878	5,704	116	21,492	0	252,477
Male	Percent of Sample	0.1	0.1	1.4	2.3	0.0	0.0	39.4	0.2	0.1	3.9	0.0	47.4
	Number in Escapement	280	402	6,721	11,031	177	80	188,806	826	291	18,550	118	227,282
Total	Percent of Sample	0.2	0.1	3.1	7.3	0.2	0.0	79.3	1.4	0.1	8.3	0.0	100.0
	Number in Escapement	888	402	14,762	35,085	761	80	380,684	6,530	407	40,042	118	479,759
	Standard Error	416	260	1,447	2,345	418	73	3,532	1,016	242	2,284	111	

APPENDIX D

Salmon Escapements to Coastal Streams
of the Copper River Delta and the Bering River.

Appendix D.1. Aerial escapement indices and weir counts by date and location for sockeye salmon returning to the Copper River Delta and the Bering River, 1987. ^a

Copper River Delta System/Drainage	Survey Site	Survey Dates														Estimated Escapement		
		9-10 Jun	15 Jun	22 Jun	30 Jun	06 Jul	13 Jul	20 Jul	27 Jul	15 Aug	20 Aug	26 Aug	01 Sep	12 Sep	17 Sep	27-30 Oct	Site ^b	System ^c
Eyak River	Eyak River	0	20	NS	NS	NS	NS	NS	NS	NC	NS *	NS	NS	NS	NS	NS	0	9,395
	West Shore Beaches	0	0	75 +	0	300	200	650	870	1,000 +	1,400 *	1,400	1,300	50 SP	NS	0	1,400	
	Middle Arm Beaches	100	250	NS	550	575	850	850	500	1,300	5,000 *	4,700	4,500	200	1,000	0	5,850	
	North Shore Beaches	NS	200	0	0	75	200	50 +	NC	150 +	170 *	150	110	NC	200 SP	0 +	170	
	Hatchery Creek Delta	NS	100	250	0	350 *	350	200	20	1,000	700	800	540	NC	0	0	1,350	
	Hatchery Creek	NS	20	125	300	625 *	500	500	250	100 +	0	2	50	150	160	0	625	
	Power Creek Delta	NS	NS	0	0	NS	0 *	NS	NS	NS	NS	NS	NS	NC	NS	0	0	
Power Creek	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NC	NS	0 *	0		
Ibek Creek	Ibek Creek	NS	NS	NS	NS	NS	NS	NS	NS	NC	NS	NS	0 *	0	0	0	0	0
Alganik Slough	Alganik Slough	0	0	0 *	NS	NS	NS	NS	NS	NS	NS	NS	0	NC	0	0	0	
	McKinley Lake	0	0	NS	0	720	4,720	10,300 *	3,150 +	3,000 +	3,700	2,750	975	75	200	0	10,300	10,302
	Salmon Creek - West Fork	NS	NS	NS	NS	0	0	2 *	260	2,300 +	600 +	1,000 +	450	200	300	0	2	
	Salmon Creek - East Fork	NS	NS	NS	NS	0	0	0 *	0	250	350	120	120	0	85	0	0	
26/27 Mile Creek	26/27 Mile Creek	0	0	0	100	800	4,100 *	2,100 +	400	100 +	520	350	75	50	20	0	4,100	4,100
39 Mile Creek	39 Mile Creek	0	NS	0	NS	350	2,200	4,910	4,500 +	6,100 *	5,750	7,300 SP	4,450 SP	1,300 SP	600	NS SP	6,100	6,100
Goat Mountain Creek	Goat Mountain Creek	NS	NS	0	NS	0	80	250	1,000 *	NC	NS	300 +	100	0	0	NS	1,000	1,000
Pleasant Creek	Pleasant Creek	NS	0	0	0	0	1 *	0	0	0	0	0	0	0	0	0	1	1

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Copper River Delta System/Drainage	Survey Site	Survey Dates															Estimated Escapement		
		9-10 Jun	15 Jun	22 Jun	30 Jun	06 Jul	13 Jul	20 Jul	27 Jul	15 Aug	20 Aug	26 Aug	01 Sep	12 Sep	17 Sep	27-30 Oct	Site ^b	System ^c	
Martin River	Martin River - Lower	0	30	0	2	145	420	100	180	0	0	0	0	0	0	0	180	180	
	Ragged Point River	NS	NS	NS	0	350	500	4,100 *	1,850	600	700 +	230	150	10	0	0	4,100	4,100	
	Ragged Point Lake Outlet	NS	NS	NS	NS	0	0	0 *	0	900	400	500	275	250	75	0	0	0	
	Ragged Point Lake	NS	NS	NS	NS	0	0	0 *	0	700	600	2,200	1,100	2,500	NS	0	0	0	
	Martin River - Upper	0	0	0	0	460	1,450	525	1,000	1,500	1,300 *	875	900 SP	100	75	0	1,300	1,300	
	Martin Lake Outlet	0	0	0	0	0	0	300	1,000	500	1,200 *	200	200	10	0	0	1,200	6,010	
	Martin Lake	0	0	150 +	0	970	1,790	800	730	1,400	2,510 *	2,475	2,240	700 +	265 +	120	2,510	2,510	
	Martin Lake Feeders	NS	NS	NS	300	630	1,000	1,600	2,300 *	200	10	0	0	25	40	30	2,300	2,300	
	Pothole River	NS	NS	NS	0	320	220	320	300	0	190	120	110	0 *	10	0	0	0	910
	Pothole Lake Outlet	NS	NS	NS	0	0	0	200	300	0	0	0	0	10 *	0	0	10	0	0
	Pothole Lake	NS	NS	NS	0	0	0	100	100	0	300	320	400	900 *	870	0	900	900	0
	Little Martin Lake Outle	NS	0	0	NS	0	100	30	0	0	20 *	10	0	0	0	0	20	3,320	3,320
	Little Martin Lake	NS	NS	0	NS	0	800	500	1,500	2,650 +	3,300 *	1,750	1,135	750	1,100	0	3,300	3,300	0
	Tokun River	0	0	0	NS	330	600	700 *	780	0	150	50	150	0	0	0	780	8,080	8,080
	Tokun Springs	NS	0	0	NS	0	50	45	200 *	0	80	50	0	0	0	0	200	200	0
Tokun Lake Outlet	0	0	0	NS	0	0	1,100 *	300	0	100	0	10	50	0	0	1,100	1,100	0	
Tokun Lake Aerial Counts	NS	0	0	NS	0	6,000 **	1,700	400	4,200	2,400	2,200	3,200	2,600 +	950	0 +	6,000	6,000	0	
Martin River Slough	Martin River Slough	0	200	1,950	1,500	5,900 *	2,600	2,600	1,110 +	900	35	5	0	0	0	5,900	5,900	5,900	
Copper River Delta Daily Aerial Survey Totals		100	820	2,550	2,752	12,900	28,731	34,532	23,000	28,850	31,485	29,857	22,540	9,930	5,950	150	60,698	60,698	

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Copper River Delta System/Drainage		Survey Dates															Estimated Escapement	
		9-10 Jun	15 Jun	22 Jun	30 Jun	06 Jul	13 Jul	20 Jul	27 Jul	15 Aug	20 Aug	26 Aug	01 Sep	12 Sep	17 Sep	27-30 Oct	Site ^b	System ^c
Bering River	Bering River	0	0	0	0	140	200	280 *	0	0	0	0	0	0	0	0	280	19,280
	Bering Lake	0	120	0	18,500	19,190	18,000	+*11,300 +	5,050	1,650	260	850	550	0	0	0	18,000	
	Dick Creek	0	0	NS	0	0	1,000 *	3,400 +	9,500 +	4,100	1,650	970	370	25	10	0	1,000	
	Shepherd Creek - Lagoon	0	0	0	0 +	4,000	3,500 *	200	10	0	0	0	0	0	NS	0	3,500	4,100
	Shepherd Creek	NS	NS	NS	NS	0	600 +*	700 +	NS	NS	NS	NS	NS	0	NS	NS	600	
	Carbon Creek	NS	NS	NS	NS	0	0 *	10	NS	NS	NS	NS	NS	NS	NS	NS	0	
	Maxwell Creek	NS	NS	NS	NS	NS	NS *	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	Trout Creek	NS	NS	NS	NS	0	0	0	NS	0 *	0	0	0	NS	NS	0	0	0
	Clear Creek	NS	NS	NS	NS	0	0	280	2,000 *	500	70	0	10	NS	NS	0	2,000	2,000
	Kushtaka Lake	NS	NS	NS	NS	0	0	0	150	425 +*	250 +	115 +	30 +	NS	NS	0	425	1,225
	Shokum Creek	NS	NS	NS	NS	0	0	0	NC	800 +*	200 +	600 +	25 +	NS	NS	0	800	
	Katella River	NS	0	NS	0	260 *	250	0	NS	200	50 +	5	40	0	0	0	260	
	Bering River Area Total		0	120	0	18,500	23,590	23,550	16,170	16,710	7,675	2,480	2,540	1,025	25	10	0	26,605
Copper River Delta/Bering River Area Total		100	940	2,550	21,252	36,490	52,281	50,702	39,710	36,525	33,965	32,397	23,565	9,955	5,960	150	87,303	

Codes and Symbols Key NS = No survey conducted on this date.

* = Weekly survey used in the escapement estimate for the site.

NC = Survey completed, but it was not counted because of bad survey conditions.

SP = Fish counted, but it is possible that some of the fish are other species
(e.g. coho)

+ = Survey completed and counted, but the count is probably low because of less than ideal survey conditions.

- a The survey sites represent most of the known sockeye salmon spawning locations in the Copper River Delta and the Bering River drainages. Weather permitting, the sites were surveyed weekly. The surveys provide information about the relative strength of escapements among years and within a year, time trends for spawning sites, and the relative escapement strength among sites. The indices aren't intended to provide an actual estimate of escapement for the coastal stocks but they have been used for that purpose when there are no other escapement estimating methods.
- b The escapement estimate for each site is the asterisked aerial survey estimate. Where the survey site is a terminal spawning area the peak count is used, however, if the site is a schooling area for migratory fish bound for sites further upstream, the count which minimizes possible duplication counts across dates is selected.
- c The sum of the estimates by site within a system.

Appendix D.2. Estimated age and sex composition in the combined escapements of sockeye salmon to the Copper River Delta and Bering River drainages, 1987. Based on a pool of escapements by age and sex for key spawning areas in the Copper River Delta and Bering River watersheds (Appendix D2-D14).

		Brood Year and Age Group													
		1985		1984			1983			1982			1981		Total
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3			
Copper River Delta Escapements:															
Sample Dates:		6/29 - 8/15													
Sample Size:		5,406													
Female	Percent of Sample	0.0	0.2	0.0	13.5	4.2	0.0	0.1	32.1	0.1	0.1	0.1	50.4		
	Number in Escapement	0	114	26	7,700	2,427	0	35	18,319	39	44	75	28,779		
Male	Percent of Sample	0.2	4.0	2.5	5.4	20.9	0.0	0.0	16.5	0.0	0.0	0.0	49.6		
	Number in Escapement	100	2,297	1,446	3,108	11,920	8	9	9,413	10	8	9	28,328		
Total	Percent of Sample	0.2	4.2	2.6	18.9	25.1	0.0	0.1	48.6	0.1	0.1	0.1	100.0		
	Number in Escapement	100	2,411	1,472	10,808	14,347	8	44	27,732	49	52	84	57,107		
	Standard Error	30	146	113	265	327	8	22	332	23	23	29			
Bering River Escapements:															
Sample Dates:		7/02 - 8/09													
Sample Size:		2,132													
Female	Percent of Sample	0.0	0.3	0.0	6.2	3.0	0.0	0.1	37.6	0.0	0.0	0.3	47.6		
	Number in Escapement	0	81	0	1,522	747	0	25	9,226	6	4	68	11,679		
Male	Percent of Sample	0.0	0.1	0.2	5.7	8.4	0.1	0.0	37.6	0.1	0.0	0.2	52.4		
	Number in Escapement	4	23	54	1,392	2,050	25	4	9,221	36	0	37	12,846		
Total	Percent of Sample	0.0	0.4	0.2	11.9	11.4	0.1	0.1	75.2	0.2	0.0	0.4	100.0		
	Number in Escapement	4	104	54	2,914	2,797	25	29	18,447	42	4	105	24,525		
	Standard Error	5	45	15	211	228	22	12	295	23	5	26			

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Brood Year and Age Group

		Brood Year and Age Group											Total
		1985	1984		1983			1982			1981		
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Combined Delta and Bering Escapements:													
Sample Dates:		6/29 - 8/15											
Sample Size:		7,538											
Female	Percent of Sample	0.0	0.2	0.0	11.3	3.9	0.0	0.1	33.7	0.1	0.1	0.2	49.6
	Number in Escapement	0	195	26	9,222	3,174	0	60	27,545	45	48	143	40,458
Male	Percent of Sample	0.1	2.8	1.8	5.5	17.1	0.0	0.0	22.8	0.1	0.0	0.1	50.4
	Number in Escapement	104	2,320	1,500	4,500	13,970	33	13	18,634	46	8	46	41,174
Total	Percent of Sample	0.1	3.1	1.9	16.8	21.0	0.0	0.1	56.6	0.1	0.1	0.2	100.0
	Number in Escapement	104	2,515	1,526	13,722	17,144	33	73	46,179	91	56	189	81,632
	Standard Error	31	153	114	339	399	23	25	445	32	23	39	

Appendix D.3. Estimated age and sex composition of the sockeye salmon escapement to Eyak Lake, 1987. Based on aerial estimates of escapements to both stream and beach spawning sites allocated by age and sex composition data from a pool of beach seine and carcass samples from the south shore of the lake and from Hatchery Creek.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		Total
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Stratum Dates:		6/09 - 9/17											
Sample Dates:		6/29, 7/21, 7/92 and 7/31											
Sample Size:		762											
Female	Percent of Sample	0.0	0.0	0.0	4.2	0.7	0.0	0.1	46.8	0.0	0.3	0.1	52.2
	Number in Escapement	0	0	0	395	66	0	9	4,398	0	28	9	4,905
Male	Percent of Sample	0.0	0.3	0.4	3.3	8.4	0.0	0.1	35.2	0.0	0.0	0.1	47.8
	Number in Escapement	0	28	38	310	789	0	9	3,307	0	0	9	4,490
Total	Percent of Sample	0.0	0.3	0.4	7.5	9.1	0.0	0.2	82.0	0.0	0.3	0.2	100.0
	Number in Escapement	0	28	38	705	855	0	18	7,705	0	28	18	9,395
	Standard Error	0	19	21	90	98	0	15	131	0	19	15	

Appendix D.4. Estimated age and sex composition of the sockeye salmon escapement to McKinley Lake, 1987. Based on aerial estimates of escapements to both stream and beach spawning sites allocated by age and sex composition data from fish which were beach seined in the lake at the mouth of Salmon Creek.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		Total
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Stratum Dates:		7/06 - 9/17											
Sample Dates:		7/15 and 7/18											
Sample Size:		687											
Female	Percent of Sample	0.0	0.0	0.0	12.7	2.5	0.0	0.0	22.1	0.1	0.0	0.0	37.4
	Number in Escapement	0	0	0	1,308	258	0	0	2,277	10	0	0	3,853
Male	Percent of Sample	0.0	3.5	0.9	5.8	44.4	0.0	0.0	7.9	0.1	0.0	0.0	62.6
	Number in Escapement	0	361	93	598	4,573	0	0	814	10	0	0	6,449
Total	Percent of Sample	0.0	3.5	0.9	18.5	46.9	0.0	0.0	30.0	0.2	0.0	0.0	100.0
	Number in Escapement	0	361	93	1,906	4,831	0	0	3,091	20	0	0	10,302
	Standard Error	0	72	37	153	196	0	0	180	18	0	0	

Appendix D.5. Estimated age and sex composition of the sockeye salmon escapement to 27-Mile Slough, 1987. Based on the aerial estimate of escapement allocated by age and sex composition data from fish which were beach seined at the lower end of the 27-Mile Slough complex immediately upstream of the confluence with Pete Dahl Slough.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		Total
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Stratum Dates:		7/06 - 9/17											
Sample Dates:		7/05 - 7/06											
Sample Size:		552											
Female	Percent of Sample	0.0	0.4	0.2	38.2	2.5	0.0	0.2	9.4	0.2	0.2	0.2	51.5
	Number in Escapement	0	16	8	1,566	103	0	8	387	8	8	8	2,112
Male	Percent of Sample	0.2	11.6	6.1	7.1	21.9	0.0	0.0	1.4	0.0	0.2	0.0	48.5
	Number in Escapement	8	476	250	291	898	0	0	57	0	8	0	1,988
Total	Percent of Sample	0.2	12.0	6.3	45.3	24.4	0.0	0.2	10.8	0.2	0.4	0.2	100.0
	Number in Escapement	8	492	258	1,857	1,001	0	8	444	8	16	8	4,100
	Standard Error	8	57	42	87	75	0	8	54	8	11	8	

Appendix D.6. Estimated age and sex composition of the sockeye salmon escapement to 39-Mile Creek, 1987. Based on the aerial estimate of escapement allocated by age and sex composition data from fish which were beach seined in the lake at the upper end of the 39-Mile Creek drainage.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		Total
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Stratum Dates:		7/06 - 9/17											
Sample Dates:		7/30											
Sample Size:		721											
Female	Percent of Sample	0.0	0.0	0.0	0.3	2.8	0.0	0.0	55.9	0.0	0.0	0.0	59.0
	Number in Escapement	0	0	0	18	171	0	0	3,411	0	0	0	3,600
Male	Percent of Sample	0.0	0.1	3.2	0.1	9.4	0.0	0.0	28.2	0.0	0.0	0.0	41.0
	Number in Escapement	0	6	195	6	573	0	0	1,720	0	0	0	2,500
Total	Percent of Sample	0.0	0.1	3.2	0.4	12.2	0.0	0.0	84.1	0.0	0.0	0.0	100.0
	Number in Escapement	0	6	195	24	744	0	0	5,131	0	0	0	6,100
	Standard Error	0	7	40	14	74	0	0	83	0	0	0	

Appendix D.7. Estimated age and sex composition of the sockeye salmon escapement to Ragged Point Lake, 1987. Based on the aerial estimate of escapement to the lake allocated by age and sex composition data from fish which were beach seined in the lower reaches of Ragged Point River while enroute to the lake.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	Total
Stratum Dates:		7/06 - 9/17											
Sample Dates:		7/24											
Sample Size:		551											
Female	Percent of Sample	0.0	0.5	0.0	33.6	3.3	0.0	0.0	22.5	0.5	0.2	0.4	61.0
	Number in Escapement	0	21	0	1,378	135	0	0	923	21	8	16	2,502
Male	Percent of Sample	0.5	3.7	5.4	20.1	4.9	0.2	0.0	4.2	0.0	0.0	0.0	39.0
	Number in Escapement	21	151	221	824	201	8	0	172	0	0	0	1,598
Total	Percent of Sample	0.5	4.2	5.4	53.7	8.2	0.2	0.0	26.7	0.5	0.2	0.4	100.0
	Number in Escapement	21	172	221	2,202	336	8	0	1,095	21	8	16	4,100
	Standard Error	12	35	40	87	48	8	0	77	12	8	11	

Appendix D.8. Estimated age and sex composition of the sockeye salmon escapement to Martin Lake, 1987. Based on aerial estimates of escapements to both stream and beach spawning sites allocated by age and sex composition data from fish captured in a beach seine on the west shore of the lake.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	Total
Stratum Dates:	6/22 - 10/30												
Sample Dates:	8/02												
Sample Size:	599												
Female	Percent of Sample	0.0	0.3	0.0	13.7	5.3	0.0	0.0	41.3	0.0	0.0	0.5	61.1
	Number in Escapement	0	18	0	823	319	0	0	2,482	0	0	30	3,672
Male	Percent of Sample	0.5	5.0	4.5	4.5	18.7	0.0	0.0	5.7	0.0	0.0	0.0	38.9
	Number in Escapement	30	301	270	270	1,124	0	0	343	0	0	0	2,338
Total	Percent of Sample	0.5	5.3	4.5	18.2	24.0	0.0	0.0	47.0	0.0	0.0	0.5	100.0
	Number in Escapement	30	319	270	1,093	1,443	0	0	2,825	0	0	30	6,010
	Standard Error	17	55	51	95	105	0	0	123	0	0	17	

Appendix D.9. Estimated age and sex composition of the sockeye salmon escapement to Little Martin Lake, 1987. Based on the aerial estimate of escapement allocated by age and sex composition data from fish captured in a beach seine on the east shore of the lake.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	Total
Stratum Dates:		7/13 - 9/17											
Sample Dates:		8/15											
Sample Size:		402											
Female	Percent of Sample	0.0	0.0	0.0	0.0	18.9	0.0	0.0	18.9	0.0	0.0	0.0	37.8
	Number in Escapement	0	0	0	0	627	0	0	627	0	0	0	1,254
Male	Percent of Sample	0.0	0.0	7.5	0.2	51.8	0.0	0.0	2.7	0.0	0.0	0.0	62.2
	Number in Escapement	0	0	249	7	1,720	0	0	90	0	0	0	2,066
Total	Percent of Sample	0.0	0.0	7.5	0.2	70.7	0.0	0.0	21.6	0.0	0.0	0.0	100.0
	Number in Escapement	0	0	249	7	2,347	0	0	717	0	0	0	3,320
	Standard Error	0	0	44	7	75	0	0	68	0	0	0	

Appendix D.10. Estimated age and sex composition of the sockeye salmon escapement to Tokun Lake, 1987. Based on the aerial estimate of escapement allocated by age and sex composition data from fish captured in a beach seine on the north shore of the lake.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		Total
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Stratum Dates:		7/06 - 10/30											
Sample Dates:		8/09 - 8/10											
Sample Size:		528											
Female	Percent of Sample	0.0	0.0	0.0	0.0	7.4	0.0	0.0	42.2	0.0	0.0	0.0	49.6
	Number in Escapement	0	0	0	0	583	0	0	3,325	0	0	0	3,908
Male	Percent of Sample	0.0	0.0	0.0	0.0	14.6	0.0	0.0	35.8	0.0	0.0	0.0	50.4
	Number in Escapement	0	0	0	0	1,151	0	0	2,821	0	0	0	3,972
Total	Percent of Sample	0.0	0.0	0.0	0.0	22.0	0.0	0.0	78.0	0.0	0.0	0.0	100.0
	Number in Escapement	0	0	0	0	1,734	0	0	6,146	0	0	0	7,880
	Standard Error	0	0	0	0	142	0	0	142	0	0	0	

Appendix D.11. Estimated age and sex composition of the sockeye salmon escapement to Martin River Slough, 1987. Based on the aerial estimate of escapement allocated by age and sex composition data from fish captured in a beach seine in the middle of the slough drainage approximately 3 miles upstream of Bennett Rock.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		Total
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	Total
Stratum Dates:	6/15 - 8/25												
Sample Dates:	7/09												
Sample Size:	604												
Female	Percent of Sample	0.0	1.0	0.3	37.5	2.8	0.0	0.3	8.3	0.0	0.0	0.2	50.4
	Number in Escapement	0	59	18	2,212	165	0	18	489	0	0	12	2,973
Male	Percent of Sample	0.7	16.5	2.2	13.6	15.1	0.0	0.0	1.5	0.0	0.0	0.0	49.6
	Number in Escapement	41	974	130	802	891	0	0	89	0	0	0	2,927
Total	Percent of Sample	0.7	17.5	2.5	51.1	17.9	0.0	0.3	9.8	0.0	0.0	0.2	100.0
	Number in Escapement	41	1,033	148	3,014	1,056	0	18	578	0	0	12	5,900
	Standard Error	20	91	38	120	92	0	13	71	0	0	11	

Appendix D.12. Estimated age and sex composition of the sockeye salmon escapement to Bering Lake, 1987. Based on aerial estimates of escapements to both stream and beach spawning sites allocated by age and sex composition data from fish captured in a beach seine in the vicinity of the Dick Creek Delta.

Brood Year and Age Group

		Brood Year and Age Group											Total
		1985	1984		1983			1982			1981		
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Stratum Dates:		6/15 - 9/01											
Sample Dates:		7/12 - 7/13											
Sample Size:		772											
Female	Percent of Sample	0.0	0.4	0.0	4.4	3.0	0.0	0.0	36.8	0.0	0.0	0.1	44.7
	Number in Escapement	0	77	0	845	576	0	0	7,066	0	0	19	8,583
Male	Percent of Sample	0.0	0.0	0.0	4.9	8.9	0.1	0.0	41.3	0.1	0.0	0.0	55.3
	Number in Escapement	0	0	0	941	1,709	19	0	7,929	19	0	0	10,617
Total	Percent of Sample	0.0	0.4	0.0	9.3	11.9	0.1	0.0	78.1	0.1	0.0	0.1	100.0
	Number in Escapement	0	77	0	1,786	2,285	19	0	14,995	19	0	19	19,200
	Standard Error	0	44	0	201	224	22	0	286	22	0	22	

Appendix D.13. Estimated age and sex composition of the sockeye salmon escapement to Shepherd Creek, 1987. Based on the aerial estimate of escapement allocated by age and sex composition data from fish captured in a beach seine in the lagoon at the lower end of the drainage approximately one mile upstream of its confluence with Bering River.

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	Total
Stratum Dates:		6/30 - 7/20											
Sample Dates:		7/02											
Sample Size:		794											
Female	Percent of Sample	0.0	0.1	0.0	15.9	2.1	0.0	0.6	42.8	0.0	0.1	0.1	61.7
	Number in Escapement	0	4	0	651	86	0	25	1,755	0	4	4	2,529
Male	Percent of Sample	0.1	0.5	1.0	10.5	5.7	0.0	0.1	20.3	0.0	0.0	0.1	38.3
	Number in Escapement	4	21	41	431	234	0	4	832	0	0	4	1,571
Total	Percent of Sample	0.1	0.6	1.0	26.4	7.8	0.0	0.7	63.1	0.0	0.1	0.2	100.0
	Number in Escapement	4	25	41	1,082	320	0	29	2,587	0	4	8	4,100
	Standard Error	5	11	14	64	39	0	12	70	0	5	7	

Appendix D.14. Estimated age and sex composition of the sockeye salmon escapement to Kushtaka Lake, 1987. Based on aerial estimates of escapements to both stream and beach spawning sites allocated by age and sex composition data from fish captured in a beach seine at the mouth of Shokum Creek and in the spring area at the northwestern corner of the lake.

- 111 -

		Brood Year and Age Group											
		1985	1984		1983			1982			1981		
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	Total
Stratum Dates:		7/27 - 9/01											
Sample Dates:		8/09											
Sample Size:		566											
Female	Percent of Sample	0.0	0.0	0.0	2.1	6.9	0.0	0.0	33.1	0.5	0.0	3.7	46.3
	Number in Escapement	0	0	0	26	85	0	0	405	6	0	45	567
Male	Percent of Sample	0.0	0.2	1.1	1.6	8.7	0.5	0.0	37.5	1.4	0.0	2.7	53.7
	Number in Escapement	0	2	13	20	107	6	0	460	17	0	33	658
Total	Percent of Sample	0.0	0.2	1.1	3.7	15.6	0.5	0.0	70.6	1.9	0.0	6.4	100.0
	Number in Escapement	0	2	13	46	192	6	0	865	23	0	78	1,225
	Standard Error	0	2	5	10	19	4	0	23	7	0	13	

Appendix D.15. Aerial escapement indices and weir counts by date and location for coho salmon returning to the Copper River Delta and the Bering River, 1987. ^a

Copper River Delta System/Drainage	Survey Site	Survey Dates															Estimated Escapement		
		9-10 Jun	15 Jun	22 Jun	30 Jun	6 Jul	13 Jul	20 Jul	27 Jul	15 Aug	20 Aug	26 Aug	01 Sep	12 Sep	15 Sep	27-30 Oct	Site ^b	System ^c	
Eyak River	Eyak River	0	0	NS	NS	NS	NS	NS	NS	NC	NS	NS	NS	NS	NS	NS	NS	NS	8,450
	West Shore Beaches	0	0	0	0	0	0	0	0	0	100	1350	2400 *	150 +	NS	0	2,400		
	Middle Arm Beaches	0	0	NS	0	0	0	0	0	0	0	0	0	300	400 *	0	400		
	North Shore Beaches	NS	0	0	0	0	0	0	NC	0	0	0	0	NC	0	0 *	0		
	Hatchery Creek Delta	NS	0	0	0	0	0	0	0	0	0	0	0	NC	100 SP	100 *	100		
	Hatchery Creek	NS	0	0	0	0	0	0	0	0	0	0	0	NC	0 SP	750 *	750		
	Power Creek Delta	NS	NS	NS	0	NS	NS	NS	NS	NS	NS	NS	NS	NC	NS	100 *	100		
	Power Creek	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NC	NS	4,700 *	4,700		
Ibek Creek	Ibek Creek	NS	NS	NS	NS	NS	NS	NS	NC	NS	NS	0	350	720 +	3,100 +*	3,100	3,100		
Alganik Slough	Alganik Slough	NS	0	0	NS	0	NS	NS	NS	NS	NS	25	NC	100 *	0	100	1,470		
	18/20 Mile Creeks	NS	NS	NS	NS	NS	NS	NS	0	0	0	0	275 +	1,360	0	1360			
	McKinley Lake	0	0	NS	0	0	0	0	0	0	0	0	NC	10 *	NS	10			
	Salmon Creek - West Fork	NS	NS	NS	NS	0	0	0	0	0	0	0	0	0 *	NS	0			
	Salmon Creek - East Fork	NS	NS	NS	NS	0	0	0	0	0	0	0	0	0 *	NS	0			
26/27 Mile Creek	26/27 Mile Creek	0	0	0	0	0	0	0	0	0	0	0	265	130	350 *	350	350		
39 Mile Creek	39 Mile Creek	0	NS	0	NS	0	0	0	0	0	0 SP	0 SP	2,600 SP	2800 *	NS	2,800	2,800		
Goat Mountain Creek	Goat Mountain Creek	NS	NS	0	NS	0	0	0	NC	NS	0	0	520 *	500	NS	520	520		
Pleasant Creek	Pleasant Creek	NS	0	0	0	0	0	0	0	NS	0	0	0	0	250 *	250	250		

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Copper River Delta System/Drainage	Survey Site	Survey Dates															Estimated Escapement	
		9-10 Jun	15 Jun	22 Jun	30 Jun	6 Jul	13 Jul	20 Jul	27 Jul	15 Aug	20 Aug	26 Aug	01 Sep	12 Sep	15 Sep	27-30 Oct	Site ^b	System ^c
Martin River	Martin River - Lower	0	0	0	0	0	0	0	0	0	0	0	135	200	290	10 *	10	10
	Ragged Point River	NS	NS	NS	0	0	0	0	0	0	0	0	0	50	0	3,300 *	3,300	3,330
	Ragged Point Lake Outlet	NS	NS	NS	NS	0	0	0	0	0	0	0	0	0	0	30 *	30	
	Ragged Point Lake	NS	NS	NS	NS	0	0	0	0	0	0	0	0	0	NS	0 *	0	
	Martin River - Upper	0	0	0	0	0	0	0	0	0	0	0	50	2000	3,120 *	180	3,120	3,120
	Martin Lake Outlet	0	0	0	0	0	0	0	0	0	0	0	0	0	50 *	0	50	70
	Martin Lake	0	0	0	0	0	0	0	0	0	0	200	300	0	0	20 *	60	20
	Martin Lake Feeders	NS	NS	NS	0	0	0	0	0	0	0	0	0	0	0 *	0	0	0
	Pothole River	NS	NS	NS	0	0	0	0	0	0	0	0	0	0	0 *	70	0	0
	Pothole Lake Outlet	NS	NS	NS	0	0	0	0	0	0	0	0	0	0	0 *	0	0	0
	Pothole Lake	NS	NS	NS	0	0	0	0	0	0	0	0	0	0	0 *	0	0	0
	Little Martin Lake Outlet	NS	0	0	NS	0	0	0	0	0	0	0	0	150	460 *	1,100	460	560
	Little Martin Lake	NS	NS	0	NS	0	0	0	0	0	0	0	0	800	100 *	0	100	
	Tokun River	0	0	0	NS	0	0	0	0	0	0	100	0	0	0	30 *	30	495
	Tokun Springs	NS	0	0	NS	0	0	0	0	0	0	0	0	0	170 SP	465 *	465	
	Tokun Lake Outlet	0	0	0	NS	0	0	0	0	0	0	0	0	0	0	0 *	0	0
	Tokun Lake	NS	0	0	NS	0	0	0	0	0	0	0	0	0	0	0 *	0	0
	Martin River Slough	Martin River Slough	NS	0	0	0	0	0	0	0	0	70	110	460	3,400	3,260	1,420	3,400
Copper River Delta Daily Aerial Survey Totals		0	0	0	0	0	0	0	0	0	370	1,860	3,070	11,060	13,590	16,365		27,925

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Copper River Delta System/Drainage	Survey Site	Survey Dates															Estimated Escapement	
		9-10 Jun	15 Jun	22 Jun	30 Jun	6 Jul	13 Jul	20 Jul	27 Jul	15 Aug	20 Aug	26 Aug	01 Sep	12 Sep	15 Sep	27-30 Oct	Site b	System c
Bering River	Bering River	0	0	0	0	0	0	0	0	0	620	0	0	0*	NS	0	0	950
	Bering Lake	0	0	0	0	0	0	0	0	0	0	125	315	950**	320+	0	950	
	Dick Creek	NS	0	NS	0	0	0	0	0	0	0	0	0	0*	20	50	0	
	Shepherd Creek - Lagoon	0	0	0	0	0	0	0	0	0	0	0	0	45*	0	0	45	45
	Shepherd Creek	NS	NS	NS	NS	0	0	0	NS	NS	NS							
	Carbon Creek	NS	NS	NS	NS	0	0	0	NS	NS	NS							
	Maxwell Creek	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Trout Creek	NS	NS	NS	NS	0	0	0	NS	0	0	0	0	NS	NS	0*	0	0
	Clear Creek	NS	NS	NS	NS	0	0	0	0	0	0	0	0	NS	NS	0*	0	0
	Kuschtaka Lake	NS	NS	NS	NS	0	0	0	0	0	0	0	0	NS	NS	10*	10	20
Shokum Creek	NS	NS	NS	NS	0	0	0	NC	0	0	0	0	NS	NS	10*	10		
Katalla River	Katalla River	NS	NS	NS	NS	0	0	NS	NS	75	0+	0	1600*	1000	920	710	1,600	1,600
Nichawak R.	Nichawak R.	NS	NS	NS	NS	NS	NS	NS	NS	10	0	55	250*	250	250	180	250	250
Controller Bay Stream	Controller Bay Streams	NS	NS	NS	NS	NS	NS	NS	NS	0	85	1	2	1245	2,740*	10	2,740	2,740
Bering River Area Total		0	0	0	0	0	0	0	0	85	705	181	2,167	3,490	4,250	970	5,605	
Copper River Delta/Bering River Area Total		0	0	0	0	0	0	0	0	85	1,075	2,041	5,237	14,550	17,840	17,335	33,530	

Codes and Symbols Key NS = No survey conducted on this date.

NC = Survey completed, but it was not counted because of bad survey conditions.

* = Weekly survey used in the escapement estimate for the site.

SP = Fish counted, but it is possible that some of the fish are other species (e.g. coho).

+ = Survey completed and counted, but the count is probably low because of less than ideal survey conditions.

a The survey sites represent most of the known coho salmon spawning locations in the Copper River Delta and the Bering River drainages. Weather permitting, the sites were surveyed weekly. The surveys provide information about the relative strength of escapements among years and within a year, time trends for spawning sites, and the relative escapement strength among sites. The indices aren't intended to provide an actual estimate of escapement for the coastal stocks but they have been used for that purpose when there are no other escapement estimating methods.

b The escapement estimate for each site is the asterisked aerial survey estimate. Where the survey site is a terminal spawning area the peak count is used, however, if the site is a schooling area for migratory fish bound for sites further upstream the count which minimizes possible duplication counts across dates is selected.

c The sum of the estimates by site within a system.

Copper River Delta System/Drainage	Survey Site	Survey Dates															Estimated Escapement	
		9-10 Jun	15 Jun	22 Jun	30 Jun	6 Jul	13 Jul	20 Jul	27 Jul	15 Aug	20 Aug	26 Aug	01 Sep	12 Sep	15 Sep	27-30 Oct	Site b	System c
Bering River	Bering River	0	0	0	0	0	0	0	0	0	620	0	0	0 *	NS	0	0	950
	Bering Lake	0	0	0	0	0	0	0	0	0	0	125	315	950 +*	320 +	0	950	
	Dick Creek	NS	0	NS	0	0	0	0	0	0	0	0	0	0 *	20	50	0	
	Shepherd Creek - Lagoon	0	0	0	0	0	0	0	0	0	0	0	0	45 *	0	0	45	45
	Shepherd Creek	NS	NS	NS	NS	0	0	0	NS	NS	NS							
	Carbon Creek	NS	NS	NS	NS	0	0	0	NS	NS	NS							
	Maxwell Creek	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	Trout Creek	NS	NS	NS	NS	0	0	0	NS	0	0	0	0	NS	NS	0 *	0	0
	Clear Creek	NS	NS	NS	NS	0	0	0	0	0	0	0	0	NS	NS	0 *	0	0
	Kushtaka Lake	NS	NS	NS	NS	0	0	0	0	0	0	0	0	NS	NS	10 *	10	20
Shokum Creek	NS	NS	NS	NS	0	0	0	NC	0	0	0	0	NS	NS	10 *	10		
Katalla River	Katalla River	NS	NS	NS	NS	0	0	NS	NS	75	0 +	0	1600 *	1000	920	710	1,600	1,600
Nichawak R.	Nichawak R.	NS	NS	NS	NS	NS	NS	NS	NS	10	0	55	250 *	250	250	180	250	250
Controller Bay Stream	Controller Bay Streams	NS	NS	NS	NS	NS	NS	NS	NS	0	85	1	2	1245	2,740 *	10	2,740	2,740
Bering River Area Total		0	0	0	0	0	0	0	0	85	705	181	2,167	3,490	4,250	970		5,605
Copper River Delta/Bering River Area Total		0	0	0	0	0	0	0	0	85	1,075	2,041	5,237	14,550	17,840	17,335		33,530

Codes and Symbols Key NS = No survey conducted on this date.

NC = Survey completed, but it was not counted because of bad survey conditions.

* = Weekly survey used in the escapement estimate for the site.

SP = Fish counted, but it is possible that some of the fish are other species (e.g. coho).

+ = Survey completed and counted, but the count is probably low because of less than ideal survey conditions.

- a The survey sites represent most of the known coho salmon spawning locations in the Copper River Delta and the Bering River drainages. Weather permitting, the sites were surveyed weekly. The surveys provide information about the relative strength of escapements among years and within a year, time trends for spawning sites, and the relative escapement strength among sites. The indices aren't intended to provide an actual estimate of escapement for the coastal stocks but they have been used for that purpose when there are no other escapement estimating methods.
- b The escapement estimate for each site is the asterisked aerial survey estimate. Where the survey site is a terminal spawning area the peak count is used, however, if the site is a schooling area for migratory fish bound for sites further upstream the count which minimizes possible duplication counts across dates is selected.
- c The sum of the estimates by site within a system.

APPENDIX E

Commercial Salmon Catches from Prince William Sound
(Districts 221-228)

Appendix E.1. Weekly commercial catches of salmon by gear type and species, Prince William Sound, 1987.

Purse Seine Fisheries:

		Catch by Species											
		Chinook		Sockeye		Coho		Pink		Chum		Total	
Week	Dates	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/14-6/20	0	0	0	0	0	0	0	0	0	0	0	0
26	6/21-6/27	37	366	4,545	22,456	376	2,363	1,103,179	3,769,268	116,557	913,553	1,224,694	4,708,006
27	6/28-7/04	50	383	3,314	21,051	658	4,436	2,205,295	7,525,707	188,351	1,475,966	2,397,668	9,027,543
28	7/05-7/11	39	459	16,087	105,317	416	2,459	1,326,625	4,455,003	229,625	1,788,361	1,572,792	6,351,599
29	7/12-7/18	133	1,604	63,917	436,954	1,916	13,149	1,213,133	4,132,779	369,103	2,921,245	1,648,202	7,505,731
30	7/19-7/25	54	728	19,714	132,442	1,225	7,999	1,919,125	6,691,049	133,538	1,049,290	2,073,656	7,881,508
31	7/26-8/01	45	639	9,452	64,784	5,608	46,952	2,702,677	9,462,149	102,279	804,422	2,820,061	10,378,946
32	8/02-8/08	40	473	12,227	83,969	2,559	18,501	3,887,828	13,452,818	67,552	531,244	3,970,206	14,087,005
33	8/09-8/15	33	360	9,315	61,955	4,839	33,669	5,450,256	18,897,786	194,698	1,502,518	5,659,141	20,496,288
34	8/16-8/22	40	572	7,019	48,510	4,364	31,968	3,843,203	13,395,248	80,311	637,592	3,934,937	14,113,890
35	8/23-8/29	12	137	4,244	28,350	2,885	22,868	1,410,283	4,914,310	30,824	239,101	1,448,248	5,204,766
36	8/30-9/05	4	56	886	5,824	2,019	15,209	334,795	1,139,882	13,459	107,259	351,163	1,268,230
37	9/06-9/12	0	0	0	0	135	1,170	8,377	27,729	3,291	25,810	11,803	54,709
Purse Seine Total		487	5,777	150,720	1,011,612	27,000	200,743	25,404,776	87,863,728	1,529,588	11,996,361	27,112,571	101,078,221

Drift Gill Net Fisheries:

		Catch by Species											
		Chinook		Sockeye		Coho		Pink		Chum		Total	
Week	Dates	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/14-6/20	42	532	8,638	60,775	2	20	2,330	9,840	18,827	135,423	29,839	206,590
26	6/21-6/27	89	1,450	42,973	311,911	45	321	6,446	27,275	69,467	515,218	119,020	856,175
27	6/28-7/04	39	619	76,280	556,137	131	598	14,222	62,837	60,668	446,198	151,340	1,066,389
28	7/05-7/11	14	160	31,917	231,575	21	162	12,702	53,587	43,276	314,824	87,930	600,308
29	7/12-7/18	46	550	147,066	1,071,100	362	2,773	175,657	713,610	74,403	547,814	397,534	2,335,847
30	7/19-7/25	23	246	48,617	368,771	223	1,692	130,596	553,214	25,265	184,839	204,724	1,108,762
31	7/26-8/01	92	936	22,869	173,934	709	5,682	129,207	523,195	20,229	146,965	173,106	850,712
32	8/02-8/08	10	102	3,180	223,824	513	4,111	63,014	251,689	8,388	60,984	75,105	540,710
33	8/09-8/15	0	0	484	3,362	473	3,883	46,642	176,278	2,142	16,074	49,741	199,597
34	8/16-8/22	0	0	794	5,445	1,709	14,657	64,381	242,082	1,759	13,996	68,643	276,180
35	8/23-8/29	1	20	427	3,055	1,614	14,918	25,391	92,617	679	5,648	28,112	116,258
36	8/30-9/05	0	0	650	4,581	5,241	48,182	45,501	166,841	1,824	14,704	53,216	234,308
37	9/06-9/12	0	0	95	607	2,357	22,657	4,904	17,276	331	2,839	7,687	43,379
Drift Gill Net Total		356	4,615	383,990	3,015,077	13,400	119,656	720,993	2,890,341	327,258	2,405,526	1,445,997	8,435,215

-Continued-

Appendix E.1. (p. 2 of 2)

Set Gill Net Fisheries:

		Catch by Species											
		Chinook		Sockeye		Coho		Pink		Chum		Total	
Week	Dates	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/14-6/20	12	201	489	3,321	0	0	49	184	5,451	44,026	6,001	47,732
26	6/21-6/27	6	78	317	2,210	0	0	226	1,044	7,679	62,930	8,228	66,262
27	6/28-7/04	5	57	83	570	0	0	44	182	12,447	99,150	12,579	99,959
28	7/05-7/11	3	20	195	1,496	0	0	74	294	9,754	73,757	10,026	75,567
29	7/12-7/18	0	0	0	0	0	0	0	0	0	0	0	0
30	7/19-7/25	0	0	67	439	2	13	1,700	6,730	3,015	22,672	4,784	29,854
31	7/26-8/01	0	0	261	1,839	30	117	6,254	22,765	1,433	10,818	7,982	35,539
32	8/02-8/08	4	20	708	4,750	120	483	27,455	99,501	3,212	21,609	31,495	126,363
33	8/09-8/15	0	0	1,096	6,741	38	224	23,529	87,261	887	6,802	25,551	101,028
34	8/16-8/22	1	47	1,723	10,688	26	213	22,258	80,423	931	7,835	24,938	99,206
35	8/23-8/29	0	0	448	2,657	120	649	5,088	20,432	290	2,033	5,946	25,771
36	8/30-9/05	0	0	0	0	0	0	0	0	0	0	0	0
37	9/06-9/12	0	0	0	0	0	0	0	0	0	0	0	0
Set Gill Net Total		31	423	5,387	34,711	336	1,699	86,677	318,816	45,099	351,632	137,530	707,281

All Fisheries Combined:

		Catch by Species											
		Chinook		Sockeye		Coho		Pink		Chum		Total	
Week	Dates	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/14-6/20	54	733	9,127	64,096	2	20	2,379	10,024	24,278	179,449	35,840	254,322
26	6/21-6/27	132	1,894	47,835	336,577	421	2,684	1,109,851	3,797,587	193,703	1,491,701	1,351,942	5,630,443
27	6/28-7/04	94	1,059	79,677	577,758	789	5,034	2,219,561	7,588,726	261,466	2,021,314	2,561,587	10,193,891
28	7/05-7/11	56	639	48,199	338,388	437	2,621	1,339,401	4,508,884	282,655	2,176,942	1,670,748	7,027,474
29	7/12-7/18	179	2,154	210,983	1,508,054	2,278	15,922	1,388,790	4,846,389	443,506	3,469,059	2,045,736	9,841,578
30	7/19-7/25	77	974	68,398	501,652	1,450	9,704	2,051,421	7,250,993	161,818	1,256,801	2,283,164	9,020,124
31	7/26-8/01	137	1,575	32,582	240,557	6,347	52,751	2,838,138	10,008,109	123,941	962,205	3,001,145	11,265,197
32	8/02-8/08	54	595	16,115	312,543	3,192	23,095	3,978,297	13,804,008	79,152	613,837	4,076,810	14,754,078
33	8/09-8/15	33	360	10,895	72,058	5,350	37,776	5,520,427	19,161,325	197,727	1,525,394	5,734,432	20,796,913
34	8/16-8/22	41	619	9,536	64,643	6,099	46,838	3,929,842	13,717,753	83,001	659,423	4,028,519	14,489,276
35	8/23-8/29	13	157	5,119	34,062	4,619	38,435	1,440,762	5,027,359	31,793	246,782	1,482,306	5,346,795
36	8/30-9/05	4	56	1,536	10,405	7,260	63,391	380,296	1,306,723	15,283	121,963	404,379	1,502,538
37	9/06-9/12	0	0	95	607	2,492	23,827	13,281	45,005	3,622	28,649	19,490	98,088
Combined Gear Total		874	10,815	540,097	4,061,400	40,736	322,098	26,212,446	91,072,885	1,901,945	14,753,519	28,696,098	110,220,717

Appendix E.2. Commercial salmon catch by species and fishing period for the Eastern District purse seine fishery, Prince William Sound, 1987. No catch was reported from Statistical Area 221-10.

Catch by Species														
Period	Dates	Hours	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
					Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	6/25-6/26	39	136	267	37	366	4,545	22,456	376	2,363	1,103,179	3,769,268	116,557	913,553
2	7/01-7/03	63	203	484	46	340	1,146	7,262	652	4,387	2,069,933	7,072,044	108,418	836,560
3	^a 7/08-7/09	39	232	627	32	405	3,482	22,619	370	2,168	1,243,059	4,169,435	138,976	1,084,603
4	^b 7/14-7/16	63	156	338	38	583	9,313	62,387	668	4,838	498,524	1,687,063	186,249	1,463,478
5	7/21	6	132	163	6	148	1,529	10,692	224	1,356	408,673	1,412,547	45,623	354,813
6	7/28-7/30	63	76	162	9	168	1,315	8,885	276	1,983	516,131	1,807,341	36,359	280,824
7	8/04-8/06	CLOSED												
8	8/11-8/14	87	84	208	8	111	536	3,602	1,250	7,992	773,830	2,632,475	127,835	986,445
9	8/19-8/21	63	84	141	8	194	355	2,520	1,028	7,244	288,132	982,716	48,890	390,489
10	8/24-8/28	111	27	53	3	25	29	166	771	6,220	58,275	203,031	19,787	153,779
11	8/31-9/04	111	11	24	4	56	18	112	1,011	7,517	4,795	16,165	11,099	89,959
12	9/07-9/11	99	6	8	0	0	0	0	135	1,170	18	59	3,291	25,810
TOTALS		744	258	2,475	191	2,396	22,268	140,701	6,761	47,238	6,964,549	23,752,144	843,084	6,580,313

a The Solomon Gulch special harvest area was open to commercial fishing for 6 hours between 0700 and 1300 on July 10. This special harvest area was also reopened for the capture and sale of salmon by the hatchery operator after 1200, July 8. Aproximately 120,000 additional fish were harvested for revenues not to exceed \$100,000.

b This opening only applies to the western half of the Solomon Gulch Hatchery special harvest area.

Appendix E.3. Commercial salmon catch by species and date for the Eastern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/25	102	133	14	175	4,309	20,853	140	826	526,998	1,805,794	72,424	563,718
06/26	104	134	23	191	236	1,603	236	1,537	576,181	1,963,474	44,133	349,835
07/01	128	157	19	216	316	2,087	240	1,604	773,486	2,652,626	32,611	241,804
07/02	111	134	5	21	278	1,848	165	1,102	524,704	1,806,939	22,836	175,554
07/03	166	193	22	103	552	3,327	247	1,681	771,743	2,612,479	52,971	419,202
07/06	153	160	1	5	89	613	85	436	543,996	1,800,332	2,377	19,236
07/08	120	129	8	96	1,808	11,052	72	413	240,960	817,629	55,639	433,857
07/09	170	198	19	237	1,387	9,602	142	823	307,993	1,048,170	74,754	584,661
07/10	136	140	4	67	198	1,352	71	496	150,110	503,304	6,206	46,849
07/14	107	116	8	73	1,458	9,974	41	253	153,375	517,865	83,098	652,373
07/15	84	95	8	143	3,233	20,535	152	1,068	150,302	505,835	39,015	306,014
07/16	108	111	7	76	2,552	17,206	98	649	161,676	550,696	53,100	416,438
07/17	16	16	15	291	2,070	14,672	377	2,868	33,171	112,667	11,036	88,653
07/21	36	39	0	0	24	151	2	18	92,651	302,558	1,965	14,297
07/23	120	124	6	148	1,505	10,541	222	1,338	316,022	1,109,989	43,658	340,516
07/28	52	58	5	80	410	2,718	196	1,469	204,290	702,672	14,583	113,413
07/29	45	50	1	33	563	3,841	27	201	177,074	620,786	11,300	87,325
07/30	51	54	3	55	342	2,326	53	313	134,767	483,883	10,476	80,086
08/11	58	74	2	28	195	1,280	116	965	291,514	993,674	43,712	338,950
08/12	40	50	0	0	34	236	19	100	180,219	617,057	33,235	247,911
08/13	40	46	5	72	31	240	534	4,024	155,683	520,210	21,524	162,675
08/14	34	38	1	11	276	1,846	581	2,903	146,414	501,534	29,364	236,909
08/19	71	77	1	50	301	2,130	186	1,129	181,374	616,996	31,834	261,499
08/20	38	41	3	47	28	196	290	1,875	67,967	231,833	9,842	74,310
08/21	22	23	4	97	26	194	552	4,240	38,791	133,887	7,214	54,680
08/24	23	25	0	0	14	96	473	3,785	25,041	87,279	9,916	79,957
08/25	12	16	2	23	13	56	30	305	13,262	47,383	4,634	37,421
08/26	3	3	1	2	0	0	19	155	6,118	20,823	708	4,929
08/27	4	5	0	0	0	0	161	1,315	8,903	30,706	249	1,919
08/28	3	4	0	0	2	14	88	660	4,951	16,840	4,280	29,553
08/31	4	4	0	0	0	0	77	389	220	750	5,939	41,294
09/01	1	1	0	0	16	101	172	1,290	1,875	6,375	83	578
09/02	9	11	0	0	0	0	30	366	2,243	7,498	4,489	42,996
09/03	4	4	0	0	0	0	35	221	73	235	182	1,952
09/04	4	4	4	56	2	11	697	5,251	384	1,307	406	3,139
09/07	4	4	0	0	0	0	0	0	0	0	1,020	8,060
09/08	2	2	0	0	0	0	133	1,150	18	59	390	2,698
09/09	1	1	0	0	0	0	2	20	0	0	1,352	10,820
09/11	1	1	0	0	0	0	0	0	0	0	529	4,232
TOTALS	258	2,475	191	2,396	22,268	140,701	6,761	47,238	6,964,549	23,752,144	843,084	6,580,313

Appendix E.4. Commercial salmon catch by species and date for Statistical Area 221-20, Eastern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
Catch		Chinook		Sockeye		Coho		Pink		Chum		
Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/25	10	12	0	0	69	483	75	373	36,000	122,253	13,723	111,530
06/26	18	24	4	28	24	158	63	406	52,024	177,096	10,972	84,098
07/01	10	12	0	0	4	27	0	0	19,263	70,914	11,943	81,579
07/02	5	5	0	0	4	28	0	0	13,336	45,403	3,203	21,146
07/03	19	20	0	0	5	30	0	0	28,527	96,281	6,951	49,881
07/08	8	8	0	0	19	139	0	0	10,515	34,150	4,815	37,650
07/09	15	17	0	0	49	308	26	128	22,558	74,544	19,558	156,219
07/14	12	13	0	0	153	1,172	0	0	24,534	82,280	9,278	69,334
07/15	9	9	0	0	19	130	0	0	8,738	28,625	2,955	19,595
07/16	12	12	0	0	82	581	0	0	9,918	33,093	2,872	20,379
07/17	2	2	0	0	24	147	0	0	6,221	20,962	273	2,109
07/23	23	25	1	27	518	3,647	53	398	80,305	274,528	14,699	111,123
07/28	10	10	0	0	54	322	3	19	26,294	92,527	4,096	29,557
07/29	2	2	0	0	2	15	0	0	3,030	9,690	1,920	15,345
07/30	5	5	0	0	0	0	0	0	6,099	19,959	2,505	19,818
08/12	4	5	0	0	0	0	0	0	13,145	42,055	560	4,473
08/13	4	4	0	0	0	0	0	0	15,947	42,390	500	4,030
08/14	3	3	0	0	0	0	0	0	9,495	30,385	210	1,680
08/19	7	7	0	0	77	525	0	0	18,717	66,268	159	1,269
08/20	3	3	0	0	2	16	5	24	7,532	25,136	420	3,361
09/02	1	1	0	0	0	0	0	0	107	343	189	1,961
09/03	1	1	0	0	0	0	35	221	0	0	0	0
Totals	81	200	5	55	1,105	7,728	260	1,569	412,305	1,388,882	111,801	846,137

Appendix E.5. Commercial salmon catch by species and date for Statistical Area 221-30, Eastern District purse seine fishery, Prince William Sound, 1987.

Catch by Species													
Catch			Chinook		Sockeye		Coho		Pink		Chum		
Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
06/25	21	23	0	0	7	48	0	0	21,182	72,976	21,802	172,889	
06/26	17	19	0	0	4	27	0	0	35,381	124,385	14,850	118,445	
07/01	10	11	0	0	0	0	0	0	29,390	99,330	3,952	31,445	
07/02	12	13	0	0	3	17	0	0	29,895	99,577	5,557	45,787	
07/03	23	24	0	0	80	553	0	0	40,211	139,798	15,653	124,327	
07/08	25	26	0	0	979	5,988	0	0	37,940	129,082	22,138	178,820	
07/09	36	36	0	0	270	1,875	0	0	49,308	168,916	26,340	208,827	
07/14	39	40	0	0	191	1,224	0	0	40,943	141,630	41,504	329,788	
07/15	32	35	0	0	707	4,448	0	0	40,507	134,632	11,733	96,953	
07/16	46	47	0	0	978	6,663	1	7	67,308	230,134	20,310	166,805	
07/17	6	6	0	0	527	3,297	0	0	7,660	25,493	2,859	23,738	
07/23	62	62	4	104	727	5,059	25	191	157,266	566,473	15,532	122,493	
07/28	25	29	0	0	272	1,787	186	1,410	132,132	452,382	5,614	45,535	
07/29	28	33	0	0	472	3,183	26	195	137,404	484,496	8,226	63,073	
07/30	30	31	0	0	171	1,089	30	150	63,447	229,882	6,320	47,397	
08/11	10	12	0	0	21	130	32	290	47,788	159,873	4,654	36,954	
08/12	1	3	0	0	7	44	5	32	9,942	33,879	178	1,412	
08/13	3	3	0	0	0	0	0	0	7,712	25,964	531	4,130	
08/19	13	14	0	0	31	193	0	0	39,017	132,177	1,450	10,917	
08/20	5	5	0	0	0	0	0	0	5,004	16,997	54	425	
08/21	2	2	0	0	3	24	32	268	7,458	25,359	57	450	
08/24	3	3	0	0	9	60	39	312	4,902	16,216	209	1,627	
08/25	1	1	0	0	0	0	0	0	460	1,352	0	0	
08/26	1	1	0	0	0	0	11	91	444	1,530	14	117	
08/27	1	1	0	0	0	0	150	1,200	890	3,665	120	885	
09/11	1	1	0	0	0	0	0	0	0	0	529	4,232	
Totals	144	481	4	104	5,459	35,709	537	4,146	1,013,591	3,516,198	230,186	1,837,471	

Appendix E.6. Commercial salmon catch by species and date for Statistical Area 221-40, Eastern District purse seine fishery, Prince William Sound, 1987.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/25	7	7	0	0	47	316	0	0	31,092	103,533	2,323	16,645
06/26	13	13	0	0	87	582	0	0	49,583	166,981	3,562	27,693
07/01	7	7	2	87	12	86	0	0	33,278	107,391	1,986	15,339
07/02	7	7	0	0	58	398	25	178	22,846	75,772	1,626	12,345
07/03	13	13	1	9	201	1,084	13	111	48,777	168,658	8,401	65,765
07/08	23	27	0	0	540	2,881	31	185	35,832	121,874	7,854	59,172
07/09	34	37	2	50	864	6,059	13	73	59,658	202,367	10,277	77,726
07/14	13	13	4	31	352	2,289	3	15	24,933	86,799	6,936	52,856
07/15	16	19	1	12	1,560	9,782	123	911	38,440	136,890	10,620	79,247
07/16	18	18	1	23	828	5,813	30	218	29,652	108,001	9,640	72,721
07/17	2	2	0	0	26	181	0	0	1,863	6,955	723	6,058
07/23	35	36	1	17	244	1,722	143	742	76,744	262,673	12,385	98,671
07/28	15	17	5	80	65	493	0	0	38,940	133,872	3,411	27,204
07/29	14	14	1	33	76	553	0	0	34,453	118,290	1,121	8,678
07/30	14	16	3	55	126	922	0	0	41,167	142,633	1,274	9,845
08/11	28	36	1	13	163	1,069	23	156	120,202	406,867	29,502	233,426
08/12	21	23	0	0	15	100	10	49	73,740	255,299	21,626	161,660
08/13	21	23	0	0	10	75	164	1,237	77,145	266,794	6,193	51,029
08/14	20	22	0	0	101	734	388	1,938	99,828	344,368	18,390	151,242
08/19	32	35	0	0	175	1,277	165	949	56,011	188,819	28,943	239,186
08/20	15	16	0	0	6	31	67	548	23,406	79,534	3,187	26,926
08/21	4	4	0	0	0	0	14	169	5,285	18,250	978	7,867
08/24	6	8	0	0	0	0	20	199	6,271	21,963	4,167	33,893
08/25	6	10	0	0	0	0	10	100	6,051	21,721	4,113	33,284
08/26	1	1	0	0	0	0	5	40	3,210	10,916	324	2,255
08/28	2	3	0	0	0	0	16	120	3,510	11,939	3,897	26,908
08/31	4	4	0	0	0	0	77	389	220	750	5,939	41,294
09/01	1	1	0	0	16	101	172	1,290	1,875	6,375	83	578
09/02	8	10	0	0	0	0	30	366	2,136	7,155	4,300	41,035
09/03	1	1	0	0	0	0	0	0	73	235	108	1,111
09/04	1	1	0	0	0	0	92	461	0	0	211	1,692
09/07	4	4	0	0	0	0	0	0	0	0	1,020	8,060
Totals	143	448	22	410	5,572	36,548	1,634	10,444	1,046,221	3,583,674	215,120	1,691,411

Appendix E.7. Commercial salmon catch by species and date for Statistical Area 221-50, Eastern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/25	66	84	11	102	4,185	19,999	61	430	408,652	1,412,088	33,953	257,882
06/26	56	67	18	154	119	822	147	954	355,641	1,208,822	13,838	112,653
07/01	77	86	17	129	260	1,713	211	1,441	456,059	1,545,616	12,110	94,122
07/02	70	78	5	21	194	1,264	128	818	312,123	1,063,349	10,819	82,580
07/03	68	77	1	12	203	1,287	104	742	331,866	1,120,107	14,433	120,281
07/08	52	55	8	96	260	1,957	31	175	107,555	364,099	19,140	144,873
07/09	72	81	13	149	171	1,155	86	505	137,841	465,175	16,269	123,290
07/14	43	50	4	42	762	5,289	38	238	62,965	207,156	25,380	200,395
07/15	29	31	7	131	936	6,098	8	52	57,582	189,071	12,987	104,459
07/16	28	28	6	53	658	4,107	37	275	44,375	144,843	17,676	135,748
07/17	3	3	3	54	487	3,607	89	674	12,094	41,125	3,332	26,335
07/23	1	1	0	0	16	113	1	7	1,707	6,315	1,042	8,229
07/28	2	2	0	0	19	116	7	40	6,924	23,891	1,462	11,117
07/29	1	1	0	0	13	90	1	6	2,187	8,310	33	229
07/30	2	2	0	0	45	315	23	163	24,054	91,409	377	3,026
08/11	21	26	1	15	11	81	61	519	123,524	426,934	9,556	68,570
08/12	15	19	0	0	12	92	4	19	83,392	285,824	10,871	80,366
08/13	13	15	5	72	21	165	370	2,787	54,182	182,760	13,896	100,254
08/14	11	12	1	11	171	1,082	73	363	35,756	122,375	5,810	44,349
08/19	20	20	1	50	18	135	0	0	66,940	227,390	1,282	10,127
08/20	14	16	3	47	20	149	84	633	31,994	110,064	5,653	39,377
08/21	14	15	4	97	23	170	282	2,123	26,048	90,278	4,322	33,542
08/24	9	9	0	0	5	36	77	740	13,721	48,597	1,761	18,341
08/25	5	5	2	23	13	56	20	205	6,751	24,310	521	4,137
08/27	4	4	0	0	0	0	11	115	8,013	27,041	129	1,034
08/28	1	1	0	0	2	14	72	540	1,441	4,901	383	2,645
09/03	2	2	0	0	0	0	0	0	0	0	74	841
09/04	1	1	0	0	0	0	93	948	0	0	21	244
09/08	1	1	0	0	0	0	47	498	9	28	0	0
09/09	1	1	0	0	0	0	2	20	0	0	1,352	10,820
Totals	197	793	110	1,258	8,624	49,912	2,168	16,030	2,773,396	9,441,878	238,482	1,839,866

Appendix E.8. Commercial salmon catch by species and date for Statistical Area 221-60, Eastern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/25	7	7	3	73	1	7	4	23	30,072	94,944	623	4,772
06/26	10	11	1	9	2	14	26	177	83,552	286,190	911	6,946
07/01	35	41	0	0	40	261	29	163	235,496	829,375	2,620	19,319
07/02	27	31	0	0	19	141	12	106	146,504	522,838	1,631	13,696
07/03	55	59	20	82	63	373	130	828	322,362	1,087,635	7,533	58,948
07/08	13	13	0	0	10	87	10	53	49,118	168,424	1,692	13,342
07/09	27	27	4	38	33	205	17	117	38,628	137,168	2,310	18,599
07/15	1	1	0	0	11	77	21	105	5,035	16,617	720	5,760
07/16	5	6	0	0	6	42	30	149	10,423	34,625	2,602	20,785
07/17	3	3	12	237	1,006	7,440	288	2,194	5,333	18,132	3,849	30,413
08/13	1	1	0	0	0	0	0	0	697	2,302	404	3,232
08/14	1	1	0	0	4	30	120	602	1,335	4,406	4,954	39,638
08/19	1	1	0	0	0	0	21	180	689	2,342	0	0
08/20	1	1	0	0	0	0	134	670	31	102	528	4,221
08/21	2	2	0	0	0	0	224	1,680	0	0	1,857	12,821
08/24	5	5	0	0	0	0	337	2,534	147	503	3,779	26,096
08/26	1	1	1	2	0	0	3	24	2,464	8,377	370	2,557
09/04	2	2	4	56	2	11	512	3,842	384	1,307	174	1,203
09/08	1	1	0	0	0	0	86	652	9	31	390	2,698
Totals	100	214	45	497	1,197	8,688	2,004	14,099	932,279	3,215,318	36,947	285,046

Appendix E.9. Commercial salmon catch by species and date for Statistical Area 221-62, Eastern District purse seine fishery, Prince William Sound, 1987. Statistical Area 221-62 is the Valdez Fisheries Development Association Solomon Gulch Hatchery terminal harvest area.

Catch by Species												
			Chinook		Sockeye		Coho		Pink		Chum	
Catch			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Date	Permits	Landings										
07/06	153	160	1	5	89	613	85	436	543,996	1,800,332	2,377	19,236
07/10	136	140	4	67	198	1,352	71	496	150,110	503,304	6,206	46,849
07/21	36	39	0	0	24	151	2	18	92,651	302,558	1,965	14,297
Totals	181	339	5	72	311	2,116	158	950	786,757	2,606,194	10,548	80,382

Appendix E.10. Commercial salmon catch by species and fishing period for the Northern District purse seine fishery, Prince William Sound, 1987.

Catch by Species														
Period	Dates	Hours	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
					Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	6/25-6/26	Closed												
2	7/02-7/03	39	38	61	4	43	2,168	13,789	6	49	135,362	453,663	79,933	639,406
3	a 7/08-7/09	39	54	86	6	49	11,418	75,428	43	274	73,077	249,863	83,395	649,458
4	b 7/14-7/16	63	77	140	15	110	9,397	67,618	101	566	200,298	687,892	93,757	758,699
5	c 7/21-7/23	63	77	108	1	4	2,912	19,319	20	177	178,123	613,414	33,300	263,216
6	d 7/28-7/30	63	51	96	6	35	1,891	12,815	71	455	356,483	1,230,617	37,431	299,189
7	8/04-8/06	63	36	68	1	30	933	6,427	32	189	257,930	880,610	13,095	101,059
8	8/11-8/14	87	35	68	8	81	374	2,482	129	1,075	381,428	1,305,567	14,881	109,959
9	e 8/17-8/21	111	51	100	14	141	699	4,663	743	4,668	496,956	1,713,420	7,565	56,027
10	f 8/24-8/28	111	14	41	1	16	324	2,402	585	4,795	146,392	498,646	1,368	10,751
11	8/31-9/04	111	1	1	0	0	0	0	0	0	939	3,195	0	0
12	9/07-9/11	99	0	0	0	0	0	0	0	0	0	0	0	0
Totals		849	177	769	56	509	30,116	204,943	1,730	12,248	2,226,988	7,636,887	364,725	2,887,764

- a Effective 0600 July 8 all waters north of a line extending across the head of Wells Bay were closed and the Cannery Creek secondary terminal area was also closed until further notice.
- b All waters of Wells Bay north of the latitude of Payday Point (60 53.6' N.) in the Northern District were closed to fishing.
- c The waters of Wells, Cedar, and Granite bays in the Northern District were re-opened to the normal closed water markers. The Cannery Creek Hatchery Area 3 was closed to fishing.
- d Effective at 0600 August 4 until further notice, the Cannery Creek Hatchery Management Area 4 was closed. The waters inside the entrance to Jonah and Siwash Bays remained open to fishing.
- e The Cannery Creek Hatchery Area 3 opened at 0600 August 17, however the secondary terminal harvest area remained closed. At 0600 August 19, the closed area in front of the hatchery was reduced to the primary terminal harvest area. The Cannery Creek Hatchery secondary terminal harvest area was closed at 1400 August 19.
- f The Cannery Creek Hatchery Area 3 was closed effective 0600 August 24 and reopened at 0600 August 31. However the secondary terminal harvest area remained closed for protection of brood stock.

Appendix E.11. Commercial salmon catch by species and date for the Northern District purse seine fishery, Prince William Sound, 1987.

Catch Date	Permits	Landings	Catch by Species									
			Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/02	26	35	0	0	66	478	0	0	57,520	203,121	57,503	462,315
07/03	23	26	4	43	2,102	13,311	6	49	77,842	250,542	22,430	177,091
07/08	40	48	0	0	4,109	29,793	1	4	41,656	144,648	53,446	411,928
07/09	30	38	6	49	7,309	45,635	42	270	31,421	105,215	29,949	237,530
07/14	44	51	3	18	5,662	42,899	49	167	80,629	280,798	38,753	313,432
07/15	48	55	4	30	2,290	14,965	39	242	60,511	205,314	30,935	255,564
07/16	26	29	8	62	1,268	8,656	13	157	38,638	133,716	18,908	148,536
07/17	5	5	0	0	177	1,098	0	0	20,520	68,064	5,161	41,167
07/21	37	37	0	0	1,022	6,878	12	128	52,196	174,576	14,874	117,042
07/22	49	50	0	0	1,250	8,467	5	32	73,782	260,612	13,219	105,531
07/23	21	21	1	4	640	3,974	3	17	52,145	178,226	5,207	40,643
07/28	33	35	1	4	1,097	7,181	0	0	137,760	470,100	20,215	159,791
07/29	26	28	1	5	380	2,733	11	86	94,487	338,522	8,751	66,030
07/30	30	33	4	26	414	2,901	60	369	124,236	421,995	8,465	73,368
08/04	24	24	0	0	285	2,036	0	0	88,211	302,105	7,165	55,036
08/05	18	19	0	0	192	1,287	0	0	75,120	257,541	3,494	26,980
08/06	21	25	1	30	456	3,104	32	189	94,599	320,964	2,436	19,043
08/11	4	5	0	0	51	362	28	246	47,000	166,616	2,012	14,243
08/12	8	8	0	0	36	248	9	75	54,698	190,547	4,459	32,703
08/13	28	30	2	16	163	1,054	12	86	163,892	549,417	6,860	51,388
08/14	20	25	6	65	124	818	80	668	115,838	398,987	1,550	11,625
08/17	33	36	0	0	90	610	96	441	197,080	678,760	2,884	21,429
08/18	28	31	8	100	316	2,140	238	1,730	111,798	386,583	993	7,601
08/19	17	26	6	41	191	1,214	132	923	149,973	520,049	3,146	22,955
08/20	6	6	0	0	96	650	266	1,480	35,476	119,088	527	3,927
08/21	1	1	0	0	6	49	11	94	2,629	8,940	15	115
08/24	2	2	0	0	6	36	12	119	5,442	20,133	30	231
08/25	10	10	0	0	174	1,365	158	1,230	45,719	155,442	530	4,261
08/26	10	12	0	0	48	346	74	728	48,136	163,217	198	1,742
08/27	11	11	0	0	35	243	120	914	26,208	88,629	159	1,269
08/28	6	6	1	16	61	412	221	1,804	20,887	71,225	451	3,248
08/31	1	1	0	0	0	0	0	0	939	3,195	0	0
Totals	177	769	56	509	30,116	204,943	1,730	12,248	2,226,988	7,636,887	364,725	2,887,764

Appendix E.12. Commercial salmon catch by species and date for Statistical Area 222-10, Northern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/02	3	3	0	0	0	0	0	0	5,137	17,296	10,630	95,721
07/08	9	9	0	0	92	635	0	0	1,320	4,390	13,956	109,762
07/09	8	8	0	0	370	2,867	0	0	1,580	5,081	5,730	43,329
07/14	4	5	0	0	60	364	0	0	887	3,533	5,088	43,077
07/15	6	7	0	0	1,000	5,923	4	22	8,463	27,830	5,573	48,615
07/16	3	3	0	0	438	2,648	0	0	4,960	16,334	3,472	27,385
07/17	1	1	0	0	73	438	0	0	9,879	32,603	1,634	14,714
07/21	8	8	0	0	186	1,283	0	0	7,521	24,643	5,564	42,701
07/22	7	7	0	0	56	348	0	0	4,112	13,302	2,728	22,848
07/28	6	7	0	0	142	896	0	0	14,467	49,652	8,726	67,375
07/29	1	1	0	0	20	178	0	0	1,777	5,987	1,549	11,614
07/30	1	1	1	4	66	489	9	72	12,692	43,154	47	372
08/04	2	2	0	0	17	115	0	0	1,789	6,020	3,650	27,829
08/05	4	4	0	0	7	51	0	0	9,458	31,274	2,120	16,788
08/06	1	1	0	0	0	0	2	15	340	1,340	55	365
08/12	1	1	0	0	3	15	9	75	2,482	8,706	548	4,377
08/13	1	1	0	0	2	13	0	0	598	1,795	779	6,233
08/18	1	1	0	0	9	58	0	0	797	2,686	18	132
Totals	41	70	1	4	2,541	16,321	24	184	88,259	295,626	71,867	583,237

Appendix E.13. Commercial salmon catch by species and date for Statistical Area 222-20, Northern District purse seine fishery, Prince William Sound, 1987.

Catch Date	Permits	Landings	Catch by Species									
			Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/02	26	31	0	0	51	375	0	0	44,133	157,670	46,373	362,107
07/03	18	20	4	43	1,200	8,714	2	13	43,554	134,675	19,768	155,795
07/08	27	32	0	0	531	3,746	1	4	29,190	100,981	35,027	266,453
07/09	18	22	6	49	256	1,570	0	0	17,491	59,216	20,161	163,103
07/14	38	44	3	18	5,575	42,347	49	167	79,181	275,299	32,548	261,417
07/15	38	44	3	22	1,054	7,587	27	162	48,362	164,989	23,566	192,773
07/16	23	26	8	62	830	6,008	13	157	33,678	117,382	15,436	121,151
07/17	4	4	0	0	104	660	0	0	10,641	35,461	3,527	26,453
07/21	24	24	0	0	745	5,037	0	0	33,471	114,719	6,985	56,417
07/22	38	38	0	0	1,124	7,563	1	10	60,450	207,961	9,584	75,984
07/23	21	21	1	4	640	3,974	3	17	52,145	178,226	5,207	40,643
07/28	23	24	1	4	819	5,244	0	0	98,363	335,681	10,494	84,847
07/29	23	24	0	0	323	2,323	8	61	80,636	290,271	6,220	47,531
07/30	22	24	3	22	244	1,699	37	226	76,865	259,989	7,242	64,024
08/04	16	16	0	0	137	992	0	0	66,399	227,138	2,234	17,486
08/05	10	11	0	0	51	351	0	0	42,049	142,795	924	6,750
08/06	13	14	0	0	74	497	7	60	30,797	102,260	962	7,653
08/11	1	2	0	0	0	0	0	0	19,895	67,648	1,702	11,754
08/12	3	3	0	0	3	18	0	0	23,052	81,078	2,447	16,997
08/13	17	17	2	16	37	223	1	8	100,915	337,458	4,658	34,429
08/14	12	17	0	0	29	195	0	0	91,331	315,742	1,176	8,741
08/17	27	30	0	0	65	456	11	86	151,674	519,830	2,343	17,657
08/18	19	19	7	95	187	1,196	82	609	58,143	203,312	604	4,440
08/19	9	14	0	0	28	194	3	25	80,139	277,591	1,026	8,203
08/20	3	3	0	0	78	538	228	1,142	28,846	95,879	488	3,635
08/21	1	1	0	0	6	49	11	94	2,629	8,940	15	115
08/24	2	2	0	0	6	36	12	119	5,442	20,133	30	231
08/25	9	9	0	0	143	1,168	78	630	35,995	122,378	195	1,946
08/26	9	9	0	0	48	346	74	728	26,362	89,835	198	1,742
08/27	11	11	0	0	35	243	120	914	26,208	88,629	159	1,269
08/28	6	6	1	16	61	412	221	1,804	20,887	71,225	451	3,248
08/31	1	1	0	0	0	0	0	0	939	3,195	0	0
Totals	154	563	39	351	14,484	103,761	989	7,036	1,519,862	5,207,586	261,750	2,064,994

Appendix E.14. Commercial salmon catch by species and date for Statistical Area 222-21, Northern District purse seine fishery, Prince William Sound, 1987. This area is the Cannery Creek Hatchery terminal harvest area.

Catch by species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
08/19	4	4	0	0	3	15	0	0	29,518	103,114	308	2,165
Totals	4	4	0	0	3	15	0	0	29,518	103,114	308	2,165

Appendix E.15. Commercial salmon catch by species and date for Statistical Area 222-30, Northern District purse seine fishery, Prince William Sound, 1987.

Catch by species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/03	1	1	0	0	870	4,351	4	36	2,650	7,948	362	2,906
07/08	2	5	0	0	3,486	25,412	0	0	7,227	25,357	3,533	26,009
07/09	4	5	0	0	6,338	38,783	42	270	9,078	29,466	2,956	22,831
07/15	3	3	1	8	236	1,455	8	58	3,654	12,367	1,673	12,947
07/21	1	1	0	0	62	372	0	0	3,339	11,253	1,565	12,367
07/28	4	4	0	0	136	1,041	0	0	24,930	84,767	995	7,569
07/29	3	3	1	5	37	232	3	25	12,074	42,264	982	6,885
07/30	7	8	0	0	104	713	14	71	34,679	118,852	1,176	8,972
08/04	6	6	0	0	131	929	0	0	20,023	68,947	1,281	9,721
08/05	4	4	0	0	134	885	0	0	23,613	83,472	450	3,442
08/06	8	10	1	30	382	2,607	23	114	63,462	217,364	1,419	11,025
08/11	3	3	0	0	51	362	28	246	27,105	98,968	310	2,489
08/12	3	3	0	0	30	215	0	0	24,309	83,768	770	5,775
08/13	9	9	0	0	102	674	11	78	53,663	181,396	1,234	9,304
08/14	7	7	6	65	81	533	80	668	20,047	68,215	290	2,254
08/17	6	6	0	0	25	154	85	355	45,406	158,930	541	3,772
08/18	8	11	1	5	120	886	156	1,121	52,858	180,585	371	3,029
08/19	6	8	6	41	160	1,005	129	898	40,316	139,344	1,812	12,587
08/20	3	3	0	0	18	112	38	338	6,630	23,209	39	292
08/25	1	1	0	0	31	197	80	600	9,724	33,064	335	2,315
Totals	46	101	16	154	12,534	80,918	701	4,878	484,787	*****	22,094	166,491

Appendix E.16. Commercial salmon catch by species and date for Statistical Area 222-40, Northern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
			Chinook		Sockeye		Coho		Pink		Chum	
Catch												
Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/02	1	1	0	0	15	103	0	0	8,250	28,155	500	4,487
07/03	5	5	0	0	32	246	0	0	31,638	107,919	2,300	18,390
07/08	2	2	0	0	0	0	0	0	3,919	13,920	930	9,704
07/09	3	3	0	0	345	2,415	0	0	3,272	11,452	1,102	8,267
07/14	2	2	0	0	27	188	0	0	561	1,966	1,117	8,938
07/15	1	1	0	0	0	0	0	0	32	128	123	1,229
07/21	4	4	0	0	29	186	12	128	7,865	23,961	760	5,557
07/22	5	5	0	0	70	556	4	22	9,220	39,349	907	6,699
08/12	1	1	0	0	0	0	0	0	4,855	16,995	694	5,554
08/13	3	3	0	0	22	144	0	0	8,716	28,768	189	1,422
08/14	1	1	0	0	14	90	0	0	4,460	15,030	84	630
08/26	1	3	0	0	0	0	0	0	21,774	73,382	0	0
Totals	24	31	0	0	554	3,928	16	150	104,562	361,025	8,706	70,877

Appendix E.17. Commercial salmon catch by species, gear type, and fishing period in the Unakwik District (222-50), Prince William Sound, 1987
This area open only to gill nets prior to July 6.

Drift Gill Net Fisheries:

Period	Dates	Hours	Permits	Landings	Catch by Species									
					Chinook		Sockeye		Coho		Pink		Chum	
					Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	6/15-6/18	87	-	-	0	0	0	0	0	0	0	0	0	0
2	6/22-6/25	87	11	36	2	28	1,184	8,263	0	0	5	20	22	204
3	6/29-7/01	63	6	11	0	0	535	3,747	0	0	20	80	186	1,700
4	7/06-7/07	24	7	7	0	0	978	6,860	1	6	116	580	381	2,844
5	7/13-7/17	105	7	9	0	0	3,094	21,787	0	0	3,869	12,815	714	5,673
6	7/21-7/23	63	-	-	0	0	0	0	0	0	0	0	0	0
7	7/28-7/30	63	1	1	0	0	46	298	0	0	95	320	18	135
8	8/04-8/06	63	1	2	0	0	57	363	0	0	766	2,682	35	261
9	8/11-8/14	87	-	-	0	0	0	0	0	0	0	0	0	0
10	8/17-8/21	111	-	-	0	0	0	0	0	0	0	0	0	0
11	8/26-8/28	63	-	-	0	0	0	0	0	0	0	0	0	0
12	8/31-9/04	111	-	-	0	0	0	0	0	0	0	0	0	0
13	9/07-9/11	99	-	-	0	0	0	0	0	0	0	0	0	0
Drift Gill Net Totals		1,026	19	66	2	28	5,894	41,318	1	6	4,871	16,497	1,356	10,817

Purse Seine Fisheries:

Period	Dates	Hours	Permits	Landings	Catch by Species									
					Chinook		Sockeye		Coho		Pink		Chum	
					Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	6/15-6/18	-	-	-	0	0	0	0	0	0	0	0	0	0
2	6/22-6/25	-	-	-	0	0	0	0	0	0	0	0	0	0
3	6/29-7/01	-	-	-	0	0	0	0	0	0	0	0	0	0
4	7/06-7/07	24	-	-	0	0	0	0	0	0	0	0	0	0
5	7/13-7/17	105	1	1	0	0	0	0	0	0	1,159	3,965	0	0
6	7/21-7/23	63	3	3	0	0	69	484	0	0	5,465	18,035	1,952	15,607
7	7/28-7/30	63	1	1	0	0	6	48	0	0	4,017	17,001	865	6,924
8	8/04-8/06	63	9	16	0	0	17	123	0	0	50,942	177,722	2,718	20,712
9	8/11-8/14	87	7	7	0	0	15	106	0	0	44,055	155,445	582	4,490
10	8/17-8/21	111	12	17	0	0	39	271	0	0	82,114	278,125	432	3,425
11	8/26-8/28	63	-	-	0	0	0	0	0	0	0	0	0	0
12	8/31-9/04	111	-	-	0	0	0	0	0	0	0	0	0	0
13	9/07-9/11	99	-	-	0	0	0	0	0	0	0	0	0	0
Purse Seine Totals		789	25	45	0	0	146	1,032	0	0	187,752	650,293	6,549	51,158

-Continued-

Appendix E.17. (p.2 of 2)

All Fisheries Combined:

Period	Dates	Catch by Species										
		Chinook		Sockeye		Coho		Pink		Chum		
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
1	6/15-6/18	0	0	0	0	0	0	0	0	0	0	0
2	6/22-6/25	2	28	1,184	8,263	0	0	5	20	22	204	
3	6/29-7/01	0	0	535	3,747	0	0	20	80	186	1,700	
4	7/06-7/07	0	0	978	6,860	1	6	116	580	381	2,844	
5	7/13-7/17	0	0	3,094	21,787	0	0	5,028	16,780	714	5,673	
6	7/21-7/23	0	0	69	484	0	0	5,465	18,035	1,952	15,607	
7	7/28-7/30	0	0	52	346	0	0	4,112	17,321	883	7,059	
8	8/04-8/06	0	0	74	486	0	0	51,708	180,404	2,753	20,973	
9	8/11-8/14	0	0	15	106	0	0	44,055	155,445	582	4,490	
10	8/17-8/21	0	0	39	271	0	0	82,114	278,125	432	3,425	
11	8/26-8/28	0	0	0	0	0	0	0	0	0	0	
12	8/31-9/04	0	0	0	0	0	0	0	0	0	0	
13	9/07-9/11	0	0	0	0	0	0	0	0	0	0	
Combined Gear Totals		2	28	6,040	42,350	1	6	192,623	666,790	7,905	61,975	

Appendix E.18. Commercial salmon catch by species and date for the Unakwik District (222-50) drift gill net fishery, Prince William Sound, 1987.

Catch by Species													
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
06/22	7	8	0	0	317	2,202	0	0	1	4	2	16	
06/23	11	12	1	16	377	2,636	0	0	1	5	14	128	
06/24	8	9	1	12	274	1,914	0	0	1	3	4	38	
06/25	7	7	0	0	216	1,511	0	0	2	8	2	22	
06/29	3	3	0	0	133	938	0	0	7	27	72	625	
06/30	6	7	0	0	215	1,503	0	0	13	53	114	1,075	
07/01	1	1	0	0	187	1,306	0	0	0	0	4	0	
07/06	5	5	0	0	838	5,880	0	0	87	395	239	1,834	
07/07	2	2	0	0	140	980	1	6	29	185	142	1,010	
07/15	7	7	0	0	2,757	19,453	0	0	3,813	12,604	655	5,170	
07/16	2	2	0	0	337	2,334	0	0	56	211	59	503	
07/30	1	1	0	0	46	298	0	0	95	320	18	135	
08/05	1	1	0	0	25	174	0	0	568	1,987	15	110	
08/06	1	1	0	0	32	189	0	0	198	695	20	151	
Totals	19	66	2	28	5,894	41,318	1	6	4,871	16,497	1,356	10,817	

Appendix E.19. Commercial salmon catch by species and date for the Unakwik District (222-50) purse seine fishery, Prince William Sound, 1987.

Catch by Species												
			Chinook		Sockeye		Coho		Pink		Chum	
Catch	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/16	1	1	0	0	0	0	0	0	1,159	3,965	0	0
07/21	3	3	0	0	69	484	0	0	5,465	18,035	1,952	15,607
07/29	1	1	0	0	6	48	0	0	4,017	17,001	865	6,924
08/04	7	7	0	0	1	8	0	0	24,442	83,217	1,172	9,130
08/05	5	5	0	0	15	108	0	0	16,684	59,846	760	5,686
08/06	4	4	0	0	1	7	0	0	9,816	34,659	786	5,896
08/14	7	7	0	0	15	106	0	0	44,055	155,445	582	4,490
08/17	1	1	0	0	7	35	0	0	5,657	18,667	123	983
08/18	8	10	0	0	1	7	0	0	32,008	108,829	129	1,022
08/19	4	5	0	0	17	129	0	0	41,266	140,307	180	1,420
08/20	1	1	0	0	14	100	0	0	3,183	10,822	0	0
Totals	25	45	0	0	146	1,032	0	0	187,752	650,793	6,549	51,158

Appendix E.20. Commercial salmon catch by species, gear type, and fishing period in the Coghill District, Prince William Sound, 1987.

Purse Seine Fisheries:

Period	Dates	Hours	Permits	Landings	Catch by Species										
					Chinook		Sockeye		Coho		Pink		Chum		
					Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
1	6/15-6/18 ^a	-	-	-	0	0	0	0	0	0	0	0	0	0	0
2	6/22-6/25	-	-	-	0	0	0	0	0	0	0	0	0	0	0
3	6/29-7/01	-	-	-	0	0	0	0	0	0	0	0	0	0	0
4	7/06-7/07 ^b	24	12	14	1	5	1,187	7,270	3	17	10,489	35,705	7,254	54,300	
5	7/13-7/17 ^c	105	99	151	49	494	35,471	241,066	582	3,471	209,615	704,806	40,514	312,857	
6	7/21-7/23	63	9	15	1	10	496	3,624	51	284	29,066	100,802	3,256	24,185	
7	7/28-7/30	63	3	5	0	0	195	1,483	29	211	27,923	103,337	535	4,030	
8	8/04-8/07 ^d	63	37	50	6	50	750	5,173	249	1,486	159,713	553,898	3,124	24,714	
9	8/11-8/14	81	23	41	1	14	402	2,603	226	1,225	260,982	921,468	3,286	25,272	
10	8/17-8/21	111	16	28	0	0	356	2,451	718	5,896	157,889	538,262	1,198	9,337	
11	8/26-8/28	63	5	5	0	0	41	301	72	628	9,245	30,229	82	660	
12	8/31-9/04	111	2	2	0	0	1	4	26	330	749	2,548	3	28	
13	9/07-9/11	99	0	0	0	0	0	0	0	0	0	0	0	0	
Purse Seine Total		783	134	311	58	573	38,899	263,975	1,956	13,548	865,671	2,991,055	59,252	455,383	

Drift Gill Net Fisheries:

Period	Dates	Hours	Permits	Landings	Catch by Species									
					Chinook		Sockeye		Coho		Pink		Chum	
					Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	6/15-6/18 ^a	87	82	329	40	510	8,249	58,007	2	20	2,179	9,248	17,534	125,736
2	6/22-6/25	87	243	1,077	87	1,422	41,737	303,294	45	321	6,432	27,224	68,540	507,962
3	6/29-7/01	63	277	1,076	39	619	75,724	552,272	131	598	14,154	62,564	55,877	409,641
4	7/06-7/07 ^b	24	230	493	14	160	30,939	224,715	20	156	12,586	53,007	42,895	311,980
5	7/13-7/17 ^c	105	355	1,806	46	550	143,972	1,049,313	362	2,773	171,788	700,795	73,689	542,141
6	7/21-7/23	63	290	955	23	246	48,615	368,757	223	1,692	130,261	551,939	25,183	184,397
7	7/28-7/30	63	217	756	92	936	22,814	173,570	709	5,682	129,023	522,413	20,184	146,638
8	8/04-8/07 ^d	63	120	344	10	102	3,123	23,526	513	4,111	61,807	247,232	8,327	60,587
9	8/11-8/14	81	34	125	0	0	409	2,954	473	3,883	45,240	170,717	2,056	15,357
10	8/17-8/21	111	28	161	0	0	747	5,145	1,709	14,657	63,879	240,253	1,745	13,881
11	8/26-8/28	63	28	93	1	20	380	2,760	1,611	14,891	25,143	91,697	657	5,445
12	8/31-9/04	111	37	212	0	0	650	4,581	5,241	48,182	45,501	166,841	1,824	14,704
13	9/07-9/11	99	34	86	0	0	95	607	2,357	22,657	4,904	17,276	331	2,839
Drift Gill Net Total		1,020	412	7,513	352	4,565	377,454	2,769,501	13,396	119,623	712,897	2,861,206	318,842	2,341,308

-Continued-

Appendix E.20. (p. 2 of 2)

All Fisheries Combined:

Period	Dates	Catch by Species									
		Chinook		Sockeye		Coho		Pink		Chum	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	6/15-6/18 ^a	40	510	8,249	58,007	2	20	2,179	9,248	17,534	125,736
2	6/22-6/25	87	1,422	41,737	303,294	45	321	6,432	27,224	68,540	507,962
3	6/29-7/01	39	619	75,724	552,272	131	598	14,154	62,564	55,877	409,641
4	7/06-7/07 ^b	15	165	32,126	231,985	23	173	23,075	88,712	50,149	366,280
5	7/13-7/17 ^c	95	1,044	179,443	1,290,379	944	6,244	381,403	1,405,601	114,203	854,998
6	7/21-7/23	24	256	49,111	372,381	274	1,976	159,327	652,741	28,439	208,582
7	7/28-7/30	92	936	23,009	175,053	738	5,893	156,946	625,750	20,719	150,668
8	8/04-8/07 ^d	16	152	3,873	28,699	762	5,597	221,520	801,130	11,451	85,301
9	8/11-8/14	1	14	811	5,557	699	5,108	306,222	1,092,185	5,342	40,629
10	8/17-8/21	0	0	1,103	7,596	2,427	20,553	221,768	778,515	2,943	23,218
11	8/26-8/28	1	20	421	3,061	1,683	15,519	34,388	121,926	739	6,105
12	8/31-9/04	0	0	651	4,585	5,267	48,512	46,250	169,389	1,827	14,732
13	9/07-9/11	0	0	95	607	2,357	22,657	4,904	17,276	331	2,839
Combined Gear Total		410	5,138	416,353	3,033,476	15,352	133,171	1,578,568	5,852,261	378,094	2,796,691

a Fishing open for gill nets only prior to July 6.

b Effective at 1200 July 6, purse seines and gill nets may be used for catching salmon. Only the Esther Hatchery Secondary Terminal Harvest Area in the southern portion of the Coghill District was open to fishing, the remainder of the District was closed.

c Normal late season closed waters at the mouth of the Coghill River were in effect on July 13. All waters of the Coghill District were open for fishing from 1200 July 14 until 2100 July 16.

d There was a 24- hour extension for fishing in the Esther Hatchery secondary terminal harvest area in the Coghill District from August 13 to 14. The sanctuary waters of Lake and Quillian Bays in front of the Esther Hatchery were open during this commercial fishing period.

Appendix E.21. Commercial salmon catch by species and date for the Coghill District drift gill net fishery, Prince William Sound, 1987.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/15	8	9	1	15	1,130	7,503	0	0	0	0	25	185
06/16	73	220	32	395	5,283	37,420	0	0	1,441	6,167	9,992	71,983
06/17	31	40	2	15	777	5,586	0	0	268	1,099	3,315	23,462
06/18	42	61	5	85	1,059	7,498	2	20	470	1,982	4,202	30,106
06/22	143	175	7	84	6,911	49,891	0	0	954	4,055	8,009	59,809
06/23	171	277	17	237	9,444	68,575	30	204	1,217	5,211	17,048	125,546
06/24	167	256	36	834	9,212	67,411	3	21	844	3,561	15,909	119,167
06/25	211	370	27	267	16,170	117,417	12	96	3,417	14,397	27,574	203,440
06/29	216	281	2	25	22,935	168,190	1	8	3,614	15,853	12,230	90,330
06/30	231	358	6	117	26,783	195,295	19	119	4,693	21,014	19,236	142,299
07/01	252	437	31	477	26,006	188,787	111	471	5,847	25,697	24,411	177,012
07/06	193	224	14	160	12,595	91,290	8	58	6,706	28,309	23,620	171,193
07/07	203	269	0	0	18,344	133,425	12	98	5,880	24,698	19,275	140,787
07/13	283	322	2	22	59,676	435,047	34	275	36,123	151,251	9,767	73,436
07/14	292	372	3	31	32,641	236,530	14	97	36,400	147,141	15,314	115,032
07/15	306	456	12	183	27,094	198,397	44	343	54,434	213,980	24,131	175,702
07/16	260	378	6	74	14,440	104,964	80	579	26,527	110,963	16,052	117,427
07/17	191	279	23	240	10,121	74,375	190	1,479	18,304	77,460	8,425	60,544
07/21	243	317	3	53	26,636	203,000	24	177	53,263	225,971	7,249	53,470
07/22	257	309	5	64	13,194	100,379	51	416	44,148	188,467	7,568	55,168
07/23	228	329	15	129	8,785	65,378	148	1,099	32,850	137,501	10,335	75,542
07/28	200	298	10	161	14,796	112,444	140	1,129	55,070	222,786	6,077	44,422
07/29	187	246	60	525	5,002	38,097	97	736	43,743	176,325	8,158	58,856
07/30	146	213	22	250	3,016	23,029	472	3,817	30,210	123,302	5,980	43,577
08/04	109	130	3	35	1,327	10,072	226	1,775	17,996	72,073	2,746	20,031
08/05	71	94	6	58	750	5,638	111	897	16,200	64,862	2,819	20,613
08/06	61	120	1	9	1,046	7,816	176	1,439	27,611	110,297	2,762	19,943
08/11	24	36	0	0	101	757	125	987	12,817	49,247	378	2,867
08/12	19	21	0	0	98	661	100	851	9,651	36,840	561	4,122
08/13	27	34	0	0	92	695	98	808	11,688	43,537	522	3,818
08/14	26	34	0	0	118	841	150	1,237	11,084	41,093	595	4,550
08/17	14	24	0	0	134	889	385	3,518	11,874	45,227	346	2,743
08/18	16	26	0	0	86	601	297	2,418	9,993	37,525	289	2,308
08/19	23	33	0	0	164	1,174	366	3,057	13,405	50,719	370	2,996
08/20	25	38	0	0	228	1,551	340	2,980	13,918	51,797	393	3,127
08/21	24	40	0	0	135	930	321	2,684	14,689	54,985	347	2,707
08/26	23	34	1	20	163	1,175	543	5,167	8,710	32,017	233	1,945
08/27	23	32	0	0	89	623	550	4,818	8,053	29,409	231	1,851
08/28	19	27	0	0	128	962	518	4,906	8,380	30,271	193	1,649
08/31	31	41	0	0	211	1,378	1,086	10,319	13,551	50,191	368	3,304
09/01	35	93	0	0	258	1,877	1,777	16,099	20,136	73,618	752	5,902
09/02	6	9	0	0	14	91	219	1,908	1,169	4,400	186	1,454
09/03	30	34	0	0	73	555	942	8,605	6,052	22,039	274	2,134
09/04	31	35	0	0	94	680	1,217	11,251	4,593	16,593	244	1,910
09/07	22	27	0	0	49	314	657	6,270	1,526	5,494	165	1,313
09/08	31	35	0	0	42	269	1,195	11,711	2,233	7,970	133	1,246
09/09	15	17	0	0	4	24	457	4,234	879	3,008	24	209
09/10	7	7	0	0	0	0	48	442	266	804	9	71

Appendix E.22. Commercial salmon catch by species and date for Statistical Area 223-10, Coghill District drift gill net fishery, Prince William Sound, 1987.

Catch by Species													
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
06/16	1	1	0	0	10	85	0	0	0	0	0	0	
06/17	1	1	0	0	29	210	0	0	0	0	6	48	
06/22	1	1	0	0	15	106	0	0	22	94	60	445	
06/23	3	3	0	0	11	70	0	0	25	109	178	1,275	
06/24	2	2	0	0	53	370	0	0	0	0	0	0	
06/29	12	12	0	0	1,038	7,409	0	0	319	1,439	1,129	8,387	
06/30	6	6	2	55	610	4,056	0	0	70	306	285	2,050	
07/01	1	1	0	0	72	474	5	35	15	57	5	35	
07/07	1	1	0	0	5	39	0	0	33	143	214	1,605	
07/14	26	26	0	0	2,216	14,583	0	0	3,195	11,335	1,057	8,652	
07/15	8	8	0	0	116	882	5	42	599	2,502	759	5,815	
07/16	35	38	1	10	1,646	12,346	27	187	3,135	13,309	2,563	19,098	
07/17	32	38	0	0	1,033	7,498	23	196	2,602	10,844	2,039	14,387	
07/21	14	15	0	0	400	3,039	11	88	1,969	8,647	630	4,656	
07/22	22	22	0	0	569	4,524	14	112	2,289	10,213	1,303	8,862	
07/23	60	71	1	12	673	5,193	53	415	5,413	22,885	3,123	23,290	
07/28	6	7	0	0	63	473	4	41	1,065	4,423	741	5,541	
07/29	28	29	0	0	339	2,623	26	219	4,491	17,846	2,078	14,667	
07/30	29	29	0	0	274	2,158	51	379	3,016	12,306	1,179	8,383	
08/04	10	10	0	0	104	752	21	178	600	2,472	403	2,912	
08/05	9	9	1	15	52	384	12	92	656	2,541	355	2,702	
08/06	6	6	0	0	20	159	7	60	939	3,704	78	616	
08/11	1	1	0	0	3	24	1	10	672	2,721	22	156	
08/13	3	3	0	0	15	122	19	145	776	2,583	41	313	
Totals	163	339	5	92	9,366	67,579	279	2,199	31,901	130,479	18,248	133,895	

Appendix E.23. Commercial salmon catch by species and date for Statistical Area 223-20, Coghill District drift gill net fishery, Prince William Sound, 1987.

Catch by Species													
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
06/15	5	6	1	15	1,097	7,270	0	0	0	0	0	0	
06/16	4	5	3	85	416	2,814	0	0	4	20	55	399	
06/22	25	27	2	22	750	5,305	0	0	209	941	2,328	16,967	
06/23	15	18	0	0	497	3,637	1	5	32	125	337	2,351	
06/24	17	17	3	32	409	2,917	0	0	99	444	966	6,785	
06/25	31	33	0	0	1,696	12,121	0	0	459	1,893	3,063	22,317	
06/29	10	10	0	0	944	6,868	0	0	280	1,241	513	3,953	
06/30	42	47	2	22	4,306	30,797	11	66	446	1,865	1,176	8,464	
07/01	51	56	0	0	3,664	26,365	1	8	528	2,215	896	6,746	
07/06	3	3	0	0	110	811	0	0	72	311	429	3,149	
07/07	9	9	0	0	255	1,895	3	20	241	1,001	974	7,082	
07/13	2	2	0	0	170	1,188	0	0	229	758	185	1,438	
07/14	8	8	0	0	436	3,204	0	0	567	2,352	296	2,264	
07/15	69	75	5	70	4,914	36,545	20	149	6,709	29,238	4,297	31,115	
07/16	29	30	1	4	1,267	9,146	12	87	4,130	16,982	1,185	8,721	
07/17	29	36	4	36	1,824	13,595	21	151	3,543	15,391	844	6,277	
07/21	37	40	0	0	5,014	39,208	2	12	5,419	23,681	675	5,068	
07/22	92	111	0	0	3,780	29,156	15	135	14,835	65,185	2,072	15,480	
07/23	44	46	10	83	1,001	7,266	24	186	5,144	21,876	991	6,934	
07/28	51	57	7	139	3,726	29,305	0	0	11,035	44,767	868	6,453	
07/29	38	43	34	275	755	5,879	16	107	6,605	26,422	1,628	11,630	
07/30	27	29	11	100	280	2,231	22	174	2,929	13,031	1,036	7,569	
08/04	20	21	0	0	296	2,203	52	416	1,121	4,600	305	1,992	
08/05	1	1	1	10	4	32	6	30	88	315	22	170	
08/06	4	4	0	0	39	271	13	134	1,570	5,507	117	934	
Totals	284	733	84	893	37,650	280,029	219	1,680	66,294	280,161	25,258	184,258	

Appendix E.24. Commercial salmon catch by species and date for Statistical Area 223-30, Coghill District drift gill net fishery, Prince William Sound, 1987.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/15	24	24	6	38	505	3,634	0	0	18	67	125	898
06/16	65	41	5	47	758	5,566	0	0	4	9	482	3,452
06/17	60	35	0	0	728	5,221	0	0	118	494	1,089	7,844
06/18	17	50	0	0	246	1,752	0	0	85	320	447	3,172
06/22	66	76	0	0	4,793	34,657	0	0	62	236	738	6,046
06/23	54	61	2	15	2,589	19,059	0	0	22	89	1,076	7,936
06/24	25	32	0	0	883	6,611	0	0	51	211	584	4,673
06/25	19	22	0	0	830	6,280	0	0	37	144	334	2,720
06/29	151	173	0	0	16,067	118,750	1	8	1,143	4,983	2,110	15,742
06/30	106	138	1	30	11,128	81,174	0	0	1,168	5,158	3,673	26,738
07/01	121	160	5	59	10,881	79,076	1	7	1,709	7,700	4,703	34,288
07/07	6	6	0	0	376	2,788	0	0	147	565	568	4,211
07/13	237	261	2	22	48,500	354,324	19	175	29,084	122,420	5,477	42,514
07/14	87	95	1	6	9,105	66,928	2	10	11,008	45,347	3,281	25,227
07/15	80	99	4	46	4,152	30,494	5	40	23,002	86,509	3,729	27,808
07/16	53	63	1	16	2,028	14,781	7	54	3,436	14,371	1,957	14,895
07/17	39	56	16	166	1,554	10,720	143	1,107	3,257	14,390	1,296	9,695
07/21	137	159	3	53	15,551	117,779	0	0	23,418	100,937	2,259	17,166
07/22	43	46	1	7	2,483	18,817	0	0	8,195	34,763	806	5,889
07/23	23	25	2	18	561	3,956	1	10	2,115	8,653	896	6,328
07/28	109	143	1	6	7,918	59,579	1	9	19,882	82,371	1,608	11,631
07/29	23	27	10	73	602	4,461	7	59	4,195	17,008	486	3,564
07/30	4	4	2	55	96	688	5	40	535	2,231	213	1,501
08/04	17	17	0	0	199	1,497	5	39	1,055	4,352	212	1,562
08/05	1	1	0	0	1	7	7	51	23	95	0	0
08/20	1	1	0	0	0	0	0	0	17	63	4	30
Totals	369	1,785	62	657	142,534	1,048,599	204	1,609	133,786	553,486	38,153	285,530

Appendix E.25. Commercial salmon catch by species and date for Statistical Area 223-40, Coghill District drift gill net fishery, Prince William Sound, 1987.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/15	2	2	0	0	29	203	0	0	0	0	21	147
06/16	49	123	18	225	3,062	21,565	0	0	1,363	5,850	9,122	65,712
06/17	21	24	2	15	422	3,028	0	0	201	821	2,408	16,942
06/18	32	47	5	85	901	6,364	2	20	386	1,667	3,779	27,122
06/22	55	71	5	62	1,353	9,823	0	0	661	2,784	4,883	36,351
06/23	126	195	15	222	6,347	45,809	29	199	1,138	4,888	15,457	113,984
06/24	139	213	33	802	8,048	59,091	3	21	733	3,073	14,548	109,372
06/25	175	307	27	267	13,463	97,438	12	96	2,882	12,193	23,988	176,740
06/29	62	87	2	25	4,932	35,458	0	0	1,872	8,190	8,478	62,248
06/30	110	167	1	10	10,739	79,268	8	53	3,009	13,685	14,102	105,047
07/01	148	220	26	418	11,389	82,872	104	421	3,595	15,725	18,807	135,943
07/06	190	221	14	160	12,485	90,479	8	58	6,634	27,998	23,191	168,044
07/07	190	253	0	0	17,708	128,703	9	78	5,459	22,989	17,519	127,889
07/13	55	59	0	0	11,006	79,535	15	100	6,810	28,073	4,105	29,484
07/14	201	243	2	25	20,884	151,815	12	87	21,630	88,107	10,680	78,889
07/15	209	274	3	67	17,912	130,476	14	112	24,124	95,731	15,346	110,964
07/16	180	247	3	44	9,499	68,691	34	251	15,826	66,301	10,347	74,713
07/17	115	149	3	38	5,710	42,562	3	25	8,902	36,835	4,246	30,185
07/21	74	103	0	0	5,671	42,974	11	77	22,457	92,706	3,685	26,580
07/22	116	130	4	57	6,362	47,882	22	169	18,829	78,306	3,387	24,937
07/23	139	187	2	16	6,550	48,963	70	488	20,178	84,087	5,325	38,990
07/28	56	91	2	16	3,089	23,087	135	1,079	23,088	91,225	2,860	20,797
07/29	116	147	16	177	3,306	25,134	48	351	28,452	115,049	3,966	28,995
07/30	106	151	9	95	2,366	17,952	394	3,224	23,730	95,734	3,552	26,124
08/04	71	82	3	35	728	5,620	148	1,142	15,220	60,649	1,826	13,565
08/05	62	83	4	33	693	5,215	86	724	15,433	61,911	2,442	17,741
08/06	55	110	1	9	987	7,386	156	1,245	25,102	101,086	2,567	18,393
08/11	23	35	0	0	98	733	124	977	12,145	46,526	356	2,711
08/12	19	21	0	0	98	661	100	851	9,651	36,840	561	4,122
08/13	25	31	0	0	77	573	79	663	10,912	40,954	481	3,505
08/14	26	34	0	0	118	841	150	1,237	11,084	41,093	595	4,550
08/17	14	24	0	0	134	889	385	3,518	11,874	45,227	346	2,743
08/18	16	26	0	0	86	601	297	2,418	9,993	37,525	289	2,308
08/19	23	33	0	0	164	1,174	366	3,057	13,405	50,719	370	2,996
08/20	24	37	0	0	228	1,551	340	2,980	13,901	51,734	389	3,097
08/21	24	40	0	0	135	930	321	2,684	14,689	54,985	347	2,707
08/26	23	34	1	20	163	1,175	543	5,167	8,710	32,017	233	1,945
08/27	23	32	0	0	89	623	550	4,818	8,053	29,409	231	1,851
08/28	19	27	0	0	128	962	518	4,906	8,380	30,271	193	1,649
08/31	31	41	0	0	211	1,378	1,086	10,319	13,551	50,191	368	3,304
09/01	35	93	0	0	258	1,877	1,777	16,099	20,136	73,618	752	5,902
09/02	6	9	0	0	14	91	219	1,908	1,169	4,400	186	1,454
09/03	30	34	0	0	73	555	942	8,605	6,052	22,039	274	2,134
09/04	31	35	0	0	94	680	1,217	11,251	4,593	16,593	244	1,910
09/07	22	27	0	0	49	314	657	6,270	1,526	5,494	165	1,313
09/08	31	35	0	0	42	269	1,195	11,711	2,233	7,970	133	1,246
09/09	15	17	0	0	4	24	457	4,234	879	3,008	24	209
09/10	7	7	0	0	0	0	48	442	266	804	9	71
Totals	380	4,656	201	2,923	187,904	1,373,294	12,694	114,135	480,916	1,897,080	237,183	1,737,625

Appendix E.26. Commercial salmon catch by species and date for the Coghill District purse seine fishery, Prince William Sound, 1987.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/06	3	3	0	0	99	605	0	0	1,944	6,558	1,020	7,378
07/07	10	11	1	5	1,088	6,665	3	17	8,545	29,147	6,234	46,922
07/13	52	52	23	234	13,342	87,042	12	89	66,889	221,648	9,832	77,781
07/14	42	49	12	111	15,838	110,808	140	1,098	80,151	273,817	15,216	114,931
07/15	16	16	7	82	1,804	11,625	12	79	18,051	59,998	5,913	45,519
07/16	11	12	0	0	856	6,189	22	153	12,545	43,731	3,269	24,418
07/17	22	22	7	67	3,631	25,402	396	2,052	31,979	105,612	6,284	50,208
07/21	2	2	0	0	94	695	0	0	6,898	23,455	601	4,575
07/22	3	4	0	0	181	1,326	11	81	8,295	30,086	1,006	7,875
07/23	8	9	1	10	221	1,603	40	203	13,873	47,261	1,649	11,735
07/28	1	1	0	0	13	101	4	27	5,925	21,921	82	616
07/29	2	2	0	0	57	435	8	64	5,689	23,239	137	990
07/30	2	2	0	0	125	947	17	120	16,309	58,177	316	2,424
08/04	10	10	0	0	169	1,256	4	25	38,194	132,789	508	3,809
08/05	4	5	1	5	62	424	23	141	10,543	38,459	336	2,583
08/06	18	22	1	9	310	2,043	68	537	66,641	234,043	1,345	10,603
08/07	13	13	4	36	209	1,450	154	783	44,335	148,607	935	7,719
08/11	4	4	0	0	14	95	7	57	28,850	107,791	493	4,194
08/12	18	19	1	14	163	963	20	174	104,950	376,701	1,670	12,419
08/13	10	10	0	0	127	887	77	386	66,775	232,650	557	4,347
08/14	8	8	0	0	98	658	122	608	60,407	204,326	566	4,312
08/17	5	5	0	0	15	113	145	1,233	42,763	146,022	174	1,474
08/18	7	7	0	0	118	801	68	597	26,284	89,525	391	2,986
08/19	4	4	0	0	29	198	0	0	12,674	43,449	157	1,204
08/20	5	5	0	0	101	725	192	1,601	30,006	103,373	273	2,134
08/21	6	7	0	0	93	614	313	2,465	46,162	155,893	203	1,539
08/26	5	5	0	0	41	301	72	628	9,245	30,229	82	660
08/31	2	2	0	0	1	4	26	330	749	2,548	3	28
Totals	134	311	58	573	38,899	263,975	1,956	13,548	865,671	2,991,055	59,252	455,383

Appendix E.27. Commercial salmon catch by species and date for Statistical Area 223-10, Coghill District purse seine fishery, Prince William Sound, 1987.

		Catch by Species										
		Chinook		Sockeye		Coho		Pink		Chum		
Catch Date	Permits Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
07/13	9 9	1	7	2,374	14,255	0	0	10,628	34,708	1,398	11,414	
07/14	7 7	1	15	3,219	19,708	116	957	14,611	46,765	1,585	13,495	
07/15	1 1	2	45	347	2,570	1	7	2,138	7,056	176	1,390	
07/16	3 3	0	0	156	1,095	0	0	2,163	7,268	2,415	18,239	
07/17	8 8	0	0	155	985	8	56	4,545	14,463	819	6,174	
07/23	1 1	0	0	2	14	1	9	486	1,669	75	518	
08/06	4 4	1	9	50	354	1	7	10,603	36,706	373	2,946	
08/17	2 2	0	0	1	7	0	0	17,379	58,817	52	411	
Totals	33 35	5	76	6,304	38,988	127	1,036	62,553	207,452	6,893	54,587	

Appendix E.28. Commercial salmon catch by species and date for Statistical Area 223-20, Coghill District purse seine fishery, Prince William Sound, 1987.

Catch by Species													
			Chinook		Sockeye		Coho		Pink		Chum		
Catch Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
07/13	3	3	0	0	614	3,683	0	0	1,943	6,220	262	1,962	
07/14	1	1	0	0	173	1,036	0	0	741	2,372	133	997	
07/15	1	1	0	0	1	7	1	6	2,074	6,844	1,603	12,828	
07/16	1	1	0	0	3	20	0	0	69	207	0	0	
07/17	2	2	0	0	2	14	1	8	336	1,237	72	577	
08/06	1	1	0	0	59	383	0	0	5,029	17,601	161	1,206	
Totals	9	9	0	0	852	5,143	2	14	10,192	34,481	2,231	17,570	

Appendix E.29. Commercial salmon catch by species and date for Statistical Area 223-30, Coghill District purse seine fishery, Prince William Sound, 1987.

		Catch by Species											
		Chinook		Sockeye		Coho		Pink		Chum			
Catch Date	Permits Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds		
07/13	27 27	12	120	6,963	45,668	12	89	33,503	112,925	3,751	30,047		
07/14	13 16	1	12	8,029	58,681	2	18	25,756	98,739	5,484	40,222		
07/15	2 2	0	0	86	622	0	0	1,320	4,663	144	1,062		
07/16	1 1	0	0	6	50	0	0	400	2,010	55	500		
07/17	1 1	0	0	1,465	10,254	291	1,456	10,005	33,016	2,602	20,816		
07/23	1 1	0	0	1	6	0	0	294	999	24	174		
08/06	1 1	0	0	18	133	0	0	3,560	12,104	57	450		
08/12	5 6	1	14	113	634	0	0	14,107	48,225	349	2,604		
08/13	4 4	0	0	66	468	0	0	9,756	33,367	290	2,238		
08/14	1 1	0	0	0	0	0	0	5,037	17,630	68	545		
Totals	51 60	14	146	16,747	116,516	305	1,563	103,738	363,678	12,824	98,658		

Appendix E.30. Commercial salmon catch by species and date for Statistical Area 223-40, Coghill District purse seine fishery, Prince William Sound, 1987.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/06	3	3	0	0	99	605	0	0	1,944	6,558	1,020	7,378
07/07	10	11	1	5	1,088	6,665	3	17	8,545	29,147	6,234	46,922
07/13	13	13	10	107	3,391	23,436	0	0	20,815	67,795	4,421	34,358
07/14	23	25	10	84	4,417	31,383	22	123	39,043	125,941	8,014	60,217
07/15	12	12	5	37	1,370	8,426	10	66	12,519	41,435	3,990	30,239
07/16	7	7	0	0	691	5,024	22	153	9,913	34,246	799	5,679
07/17	11	11	7	67	2,009	14,149	96	532	17,093	56,896	2,791	22,641
07/21	2	2	0	0	94	695	0	0	6,898	23,455	601	4,575
07/22	3	4	0	0	181	1,326	11	81	8,295	30,086	1,006	7,875
07/23	7	7	1	10	218	1,583	39	194	13,093	44,593	1,550	11,043
07/28	1	1	0	0	13	101	4	27	5,925	21,921	82	616
07/29	2	2	0	0	57	435	8	64	5,689	23,239	137	990
07/30	2	2	0	0	125	947	17	120	16,309	58,177	316	2,424
08/04	10	10	0	0	169	1,256	4	25	38,194	132,789	508	3,809
08/05	4	5	1	5	62	424	23	141	10,543	38,459	336	2,583
08/06	14	16	0	0	183	1,173	67	530	47,449	167,632	754	6,001
08/07	13	13	4	36	209	1,450	154	783	44,335	148,607	935	7,719
08/11	4	4	0	0	14	95	7	57	28,850	107,791	493	4,194
08/12	13	13	0	0	50	329	20	174	90,843	328,476	1,321	9,815
08/13	6	6	0	0	61	419	77	386	57,019	199,283	267	2,109
08/14	7	7	0	0	98	658	122	608	55,370	186,696	498	3,767
08/17	3	3	0	0	14	106	145	1,233	25,384	87,205	122	1,063
08/18	7	7	0	0	118	801	68	597	26,284	89,525	391	2,986
08/19	4	4	0	0	29	198	0	0	12,674	43,449	157	1,204
08/20	5	5	0	0	101	725	192	1,601	30,006	103,373	273	2,134
08/21	6	7	0	0	93	614	313	2,465	46,162	155,893	203	1,539
08/26	5	5	0	0	41	301	72	628	9,245	30,229	82	660
08/31	2	2	0	0	1	4	26	330	749	2,548	3	28
Totals	102	207	39	351	14,996	103,328	1,522	10,935	689,188	2,385,444	37,304	284,568

Appendix E.31. Commercial salmon catch by species and fishing period in the Northwestern District purse seine fishery, Prince William Sound, 1987.

Catch by Species													
Period	Dates	Hours	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	7/14-7/16	63	80	28	282	9,360	63,354	564	4,265	149,319	521,281	42,004	335,567
2	7/21-7/23	63	57	25	177	1,671	11,840	174	1,143	128,221	446,445	12,484	99,184
3	7/28-7/30	63	39	4	58	656	4,824	199	1,454	149,490	512,987	6,293	50,873
4	8/04-8/06	63	35	11	177	956	6,981	230	1,664	145,889	505,058	5,387	43,503
5	8/11-8/14	87	11	6	41	251	1,879	715	5,074	64,533	238,286	1,154	9,237
6	8/17-8/21	111	6	2	13	195	1,423	190	1,334	37,960	144,221	370	2,914
7	8/24-8/28	111	22	7	81	1,478	9,587	1,028	7,675	63,563	216,284	2,553	18,100
8	8/31-9/04	111	4	0	0	134	853	451	3,393	11,902	40,442	871	6,036
Totals		672	254	83	829	14,701	100,741	3,551	26,002	750,877	2,625,004	71,116	565,414

Appendix E.32. Commercial salmon catch by species and date for the Northwestern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/14	16	16	6	52	991	6,558	108	888	24,135	90,731	8,860	71,515
07/15	27	30	6	77	3,625	25,551	39	303	47,537	166,801	16,813	138,552
07/16	31	32	16	153	3,165	21,029	210	1,628	60,147	206,517	15,280	117,617
07/17	2	2	0	0	1,579	10,216	207	1,446	17,500	57,232	1,051	7,883
07/21	20	22	2	15	523	3,683	24	141	50,936	175,672	5,154	41,105
07/22	15	15	10	36	344	2,347	37	312	36,253	129,015	4,068	32,293
07/23	19	20	13	126	804	5,810	113	690	41,032	141,758	3,262	25,786
07/28	9	11	0	0	73	528	7	48	39,698	139,900	2,107	17,371
07/29	10	11	1	22	205	1,542	104	741	46,863	157,041	1,698	13,179
07/30	17	17	3	36	378	2,754	88	665	62,929	216,046	2,488	20,323
08/04	7	7	2	48	212	1,553	0	0	24,743	84,486	1,530	12,957
08/05	12	12	2	24	323	2,442	27	187	46,835	162,506	1,621	13,018
08/06	15	16	7	105	421	2,986	203	1,477	74,311	258,066	2,236	17,528
08/11	3	4	1	5	89	667	257	1,860	18,862	68,115	455	3,679
08/12	1	1	0	0	60	447	94	661	9,956	36,839	177	1,394
08/13	2	3	1	10	46	349	235	1,647	16,372	61,763	350	2,784
08/14	2	3	4	26	56	416	129	906	19,343	71,569	172	1,380
08/17	1	1	0	0	46	300	0	0	7,656	25,802	145	1,088
08/18	1	1	0	0	10	79	84	590	11,056	43,120	25	206
08/20	1	1	2	13	119	895	87	611	14,298	55,762	157	1,256
08/21	3	3	0	0	20	149	19	133	4,950	19,537	43	364
08/24	2	2	0	0	20	127	48	286	4,661	16,312	56	385
08/25	8	8	3	24	973	6,203	544	3,906	32,929	113,158	1,633	11,454
08/26	4	5	0	0	160	1,158	99	847	7,616	25,994	182	1,422
08/27	3	3	0	0	132	869	117	951	8,077	27,429	250	1,814
08/28	4	4	4	57	193	1,230	220	1,685	10,280	33,391	432	3,025
08/31	2	2	0	0	30	193	56	426	3,386	11,516	89	622
09/01	2	2	0	0	104	660	395	2,967	8,516	28,926	782	5,414

Appendix E.33. Commercial salmon catch by species and date for Statistical Area 224-10, Northwestern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
Catch		Chinook		Sockeye		Coho		Pink		Chum		
Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/16	2	2	0	0	13	96	0	0	371	1,207	1,227	9,221
07/21	2	2	0	0	261	1,930	0	0	9,858	33,570	999	7,595
07/22	1	1	0	0	15	110	0	0	1,283	4,365	395	3,005
07/30	1	1	1	4	44	324	9	70	10,042	34,143	175	1,383
08/11	1	1	1	5	51	387	227	1,587	10,293	38,085	225	1,783
08/13	2	2	1	10	27	207	106	743	7,796	30,031	116	948
08/17	1	1	0	0	46	300	0	0	7,656	25,802	145	1,088
Totals	8	10	3	19	457	3,354	342	2,400	47,299	167,203	3,282	25,023

Appendix E.34. Commercial salmon catch by species and date for Statistical Area 224-20, Northwestern District purse seine fishery, Prince William Sound, 1987.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	6	7	0	0	2,232	16,797	0	0	17,619	60,306	6,362	52,054
07/16	11	11	5	82	1,223	8,725	148	1,066	26,137	90,020	6,714	50,406
07/17	1	1	0	0	747	5,226	207	1,446	10,251	32,802	122	918
07/21	4	4	2	15	67	461	22	125	11,475	40,087	835	6,061
07/22	4	4	10	36	141	1,018	22	169	13,627	47,974	2,234	17,270
07/23	8	8	13	126	728	5,295	51	377	22,840	78,642	1,526	12,036
07/28	1	1	0	0	0	0	0	0	3,375	11,815	81	692
07/29	2	2	1	22	139	1,061	102	727	16,195	65,783	643	4,916
07/30	2	2	1	5	236	1,752	76	577	19,575	66,558	587	4,646
08/04	1	1	1	15	136	1,010	0	0	8,089	27,503	230	1,822
08/05	4	4	2	24	152	1,162	27	187	22,154	78,345	915	7,211
08/06	6	7	7	105	310	2,208	203	1,477	46,507	164,154	1,486	11,366
08/11	1	1	0	0	11	80	22	211	4,020	14,073	53	411
08/12	1	1	0	0	60	447	94	661	9,956	36,839	177	1,394
08/13	1	1	0	0	19	142	129	904	8,576	31,732	234	1,836
08/14	2	3	4	26	56	416	129	906	19,343	71,569	172	1,380
08/18	1	1	0	0	10	79	84	590	11,056	43,120	25	206
08/20	1	1	2	13	119	895	87	611	14,298	55,762	157	1,256
08/21	3	3	0	0	20	149	19	133	4,950	19,537	43	364
08/24	2	2	0	0	20	127	48	286	4,661	16,312	56	385
08/25	8	8	3	24	973	6,203	544	3,906	32,929	113,158	1,633	11,454
08/26	4	5	0	0	160	1,158	99	847	7,616	25,994	182	1,422
08/27	3	3	0	0	132	869	117	951	8,077	27,429	250	1,814
08/28	4	4	4	57	193	1,230	220	1,685	10,280	33,391	432	3,025
08/31	2	2	0	0	30	193	56	426	3,386	11,516	89	622
09/01	1	1	0	0	104	660	395	2,967	7,510	25,537	758	5,236

Appendix E.35. Commercial salmon catch by species and date for Statistical Area 224-30, Northwestern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
			Chinook		Sockeye		Coho		Pink		Chum	
Catch												
Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/23	2	2	0	0	8	57	0	0	7,198	24,750	119	938
08/04	1	1	0	0	25	150	0	0	6,568	21,675	126	1,135
08/05	2	2	0	0	29	150	0	0	11,159	36,828	146	1,266
08/06	3	3	0	0	68	408	0	0	17,093	56,414	204	1,845
09/01	1	1	0	0	0	0	0	0	1,006	3,389	24	178
Totals	6	9	0	0	130	765	0	0	43,024	143,056	619	5,362

Appendix E.36. Commercial salmon catch by species and date for Statistical Area 224-40, Northwestern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
			Chinook		Sockeye		Coho		Pink		Chum	
Catch Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/14	16	16	6	52	991	6,558	108	888	24,135	90,731	8,860	71,515
07/15	21	23	6	77	1,393	8,754	39	303	29,918	106,495	10,451	86,498
07/16	18	19	11	71	1,929	12,208	62	562	33,639	115,290	7,339	57,990
07/17	1	1	0	0	832	4,990	0	0	7,249	24,430	929	6,965
07/21	15	16	0	0	195	1,292	2	16	29,603	102,015	3,320	27,449
07/22	10	10	0	0	188	1,219	15	143	21,343	76,676	1,439	12,018
07/23	10	10	0	0	68	458	62	313	10,994	38,366	1,617	12,812
07/28	8	10	0	0	73	528	7	48	36,323	128,085	2,026	16,679
07/29	8	9	0	0	66	481	2	14	30,668	91,258	1,055	8,263
07/30	14	14	1	27	98	678	3	18	33,312	115,345	1,726	14,294
08/04	5	5	1	33	51	393	0	0	10,086	35,308	1,174	10,000
08/05	6	6	0	0	142	1,130	0	0	13,522	47,333	560	4,541
08/06	6	6	0	0	43	370	0	0	10,711	37,498	546	4,317
08/11	1	2	0	0	27	200	8	62	4,549	15,957	177	1,485
Totals	46	147	25	260	6,096	39,259	308	2,367	296,052	1,024,787	41,219	334,826

Appendix E.37. Commercial salmon catch by species, gear type, and statistical week for the Eshamy District, Prince William Sound, 1987.

Drift Gill Net Fisheries:

Stat Week	Catch Date	Permits	Landings	Catch by Species									
				Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	06/20	6	19	2	22	389	2,740	0	0	151	592	1,293	9,687
26	06/27	4	8	0	0	52	354	0	0	9	31	905	7,052
27	07/04	5	14	0	0	21	146	0	0	48	193	4,605	34,857
28	-	-	-	0	0	0	0	0	0	0	0	0	0
29	-	-	-	0	0	0	0	0	0	0	0	0	0
30	07/25	2	3	0	0	2	14	0	0	335	1,275	82	442
31	08/01	3	3	0	0	9	66	0	0	89	462	27	192
32	08/08	1	2	0	0	0	0	0	0	441	1,775	26	136
33	08/15	3	4	0	0	75	408	0	0	1,402	5,561	86	717
34	08/22	2	2	0	0	47	300	0	0	502	1,829	14	115
35	08/29	1	2	0	0	47	295	3	27	248	920	22	203
Drift Gill Net Totals		19	57	2	22	642	4,323	3	27	3,225	12,638	7,060	53,401

Set Gill Net Fisheries:

Stat Week	Catch Date	Permits	Landings	Catch by Species									
				Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	06/20	17	89	12	201	489	3,321	0	0	49	184	5,451	44,026
26	06/27	16	57	6	78	317	2,210	0	0	226	1,044	7,679	62,930
27	07/04	12	63	5	57	83	570	0	0	44	182	12,447	99,150
28	07/11	14	25	3	20	195	1,496	0	0	74	294	9,754	73,757
29	-	-	-	0	0	0	0	0	0	0	0	0	0
30	07/25	13	23	0	0	67	439	2	13	1,700	6,730	3,015	22,672
31	08/01	13	60	0	0	261	1,839	30	117	6,254	22,765	1,433	10,818
32	08/08	19	82	4	20	708	4,750	120	483	27,455	99,501	3,212	21,609
33	08/15	15	63	0	0	1,096	6,741	38	224	23,529	87,261	887	6,802
34	08/22	14	78	1	47	1,723	10,688	26	213	22,258	80,423	931	7,835
35	08/29	9	16	0	0	448	2,657	120	649	5,088	20,432	290	2,033
Set Gill Net Totals		21	556	31	423	5,387	34,711	336	1,699	86,677	318,816	45,099	351,632

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Appendix E.38. Commercial salmon catch by species and date for Statistical Area 225-20, Eshamy District drift gill net fishery, Prince William Sound, 1987. This statistical area is the Main Bay Subdistrict.

Catch by Species												
Catch		Chinook		Sockeye		Coho		Pink		Chum		
Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/15	2	3	1	7	24	180	0	0	3	11	99	749
06/16	3	4	1	15	122	856	0	0	22	71	349	2,652
06/17	1	1	0	0	6	42	0	0	0	0	47	320
06/18	2	3	0	0	94	640	0	0	30	148	271	2,069
Totals	5	11	2	22	246	1,718	0	0	55	230	766	5,790

Appendix E.39. Commercial salmon catch by species and date for Statistical Area 225-30, Eshamy District drift gill net fishery, Prince William Sound, 1987.

Catch by Species													
			Chinook		Sockeye		Coho		Pink		Chum		
Catch Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
06/16	1	2	0	0	34	240	0	0	45	175	194	1,355	
06/17	1	1	0	0	5	30	0	0	0	0	70	530	
06/18	3	4	0	0	103	745	0	0	50	181	230	1,753	
Totals	3	7	0	0	142	1,015	0	0	95	356	494	3,638	

Appendix E.40. Commercial salmon catch by species and date for Statistical Area 225-20, Eshamy District set gill net fishery, Prince William Sound, 1987.

Catch by Species													
			Chinook		Sockeye		Coho		Pink		Chum		
Catch			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
Date	Permits	Landings											
06/15	11	16	3	53	59	404	0	0	2	8	714	6,313	
06/16	8	14	4	35	173	1,154	0	0	11	33	1,887	14,445	
06/17	12	16	2	39	62	415	0	0	7	31	688	5,483	
06/18	10	15	0	0	70	472	0	0	4	18	1,097	8,982	
Totals	16	61	9	127	364	2,445	0	0	24	90	4,386	35,223	

Appendix E.41. Commercial salmon catch by species and date for Statistical Area 225-30, Eshamy District set gill net fishery, Prince William Sound, 1987.

Catch by Species													
			Chinook		Sockeye		Coho		Pink		Chum		
Catch Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
06/15	1	1	0	0	30	235	0	0	0	0	52	565	
06/16	1	1	0	0	36	240	0	0	5	15	151	1,230	
06/17	1	1	0	0	4	30	0	0	19	75	149	950	
Totals	1	3	0	0	70	505	0	0	24	90	352	2,745	

Appendix E.42. Commercial salmon catch by species and date for Statistical Area 225-21, Eshamy District drift gill net fishery, Prince William Sound, 1987. This statistical area is the Main Bay Subdistrict.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/19	1	1	0	0	1	7	0	0	1	6	33	259
06/26	2	2	0	0	32	213	0	0	7	24	404	3,047
06/27	3	6	0	0	20	141	0	0	2	7	501	4,005
06/28	1	1	0	0	2	12	0	0	0	0	156	1,186
06/30	1	2	0	0	0	0	0	0	0	0	90	877
07/02	3	3	0	0	3	18	0	0	8	35	514	4,168
07/03	3	8	0	0	16	116	0	0	40	158	3,845	28,626
07/25	2	3	0	0	2	14	0	0	335	1,275	82	442
07/26	3	3	0	0	9	66	0	0	89	462	27	192
08/06	1	2	0	0	0	0	0	0	441	1,775	26	136
08/09	1	1	0	0	11	70	0	0	239	970	27	210
08/10	2	2	0	0	24	155	0	0	737	2,940	46	392
08/15	1	1	0	0	40	183	0	0	426	1,651	13	115
08/16	1	1	0	0	27	170	0	0	226	805	4	35
08/19	1	1	0	0	20	130	0	0	276	1,024	10	80
08/23	1	1	0	0	29	182	3	27	170	638	14	137
08/24	1	1	0	0	18	113	0	0	78	282	8	66
Totals	15	39	0	0	254	1,590	3	27	3,075	12,052	5,800	43,973

Appendix E.43. Commercial salmon catch by species and date for Statistical Area 225-21, Eshamy District set gill net fishery, Prince William Sound, 1987. Statistical area 225-21 is the Main Bay subdistrict.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/19	11	13	1	23	16	100	0	0	0	0	356	3,206
06/20	11	12	2	51	39	271	0	0	1	4	357	2,852
06/21	9	9	2	44	27	186	0	0	0	0	773	6,574
06/22	6	6	1	7	21	152	0	0	7	31	397	3,313
06/23	13	13	2	17	72	517	0	0	10	46	2,786	22,962
06/24	4	5	0	0	33	238	0	0	4	16	923	7,422
06/25	10	13	0	0	108	731	0	0	160	617	1,661	13,590
06/26	5	6	1	10	41	285	0	0	45	334	854	6,733
06/27	4	5	0	0	15	101	0	0	0	0	285	2,336
06/28	12	14	0	0	15	110	0	0	0	0	1,155	9,236
06/29	12	12	1	8	22	146	0	0	14	59	1,915	15,369
06/30	5	9	1	8	19	127	0	0	3	14	1,013	7,976
07/01	9	11	1	6	16	107	0	0	9	35	1,757	13,504
07/02	6	6	1	25	1	10	0	0	10	43	1,190	9,603
07/04	10	11	1	10	10	70	0	0	8	31	5,417	43,462
07/05	14	25	3	20	195	1,496	0	0	74	294	9,754	73,757
07/21	1	1	0	0	0	0	0	0	0	0	1,400	11,198
07/24	2	2	0	0	0	0	0	0	0	0	546	4,200
07/25	10	20	0	0	67	439	2	13	1,700	6,730	1,069	7,274
07/26	8	10	0	0	58	349	0	0	922	3,263	427	3,328
07/29	9	10	0	0	45	327	0	0	1,379	5,095	113	871
07/30	11	12	0	0	59	445	0	0	1,370	5,009	168	1,167
07/31	10	11	0	0	40	295	0	0	1,059	3,882	105	769
08/01	9	17	0	0	59	423	30	117	1,524	5,516	620	4,683
08/02	10	14	0	0	131	881	0	0	3,523	12,332	420	3,005
08/03	15	19	0	0	132	911	119	475	2,623	9,790	294	2,284
08/04	11	12	1	5	149	983	0	0	4,480	15,196	314	2,459
08/05	6	6	1	7	23	161	0	0	1,025	3,812	55	437
08/06	13	18	0	0	112	736	0	0	10,822	40,942	1,612	9,972
08/07	10	10	1	4	93	650	0	0	4,323	15,063	495	3,267
08/08	2	3	1	4	68	428	1	8	659	2,366	22	185
08/09	3	3	0	0	27	177	26	113	1,384	5,180	89	627
08/10	7	7	0	0	77	479	0	0	2,255	8,864	34	276
08/11	13	14	0	0	189	1,211	0	0	5,783	21,181	351	2,607
08/12	6	6	0	0	59	359	0	0	2,148	7,891	48	397
08/13	12	12	0	0	334	1,985	0	0	5,837	21,685	153	1,271
08/14	7	7	0	0	114	692	6	60	1,937	7,104	98	728
08/15	12	14	0	0	296	1,838	6	51	4,185	15,356	114	896
08/16	9	12	0	0	124	789	2	14	1,667	5,882	86	761
08/17	12	13	0	0	345	2,136	4	38	3,854	14,255	312	2,703
08/18	9	10	1	47	332	2,056	7	53	4,707	15,465	87	756
08/19	11	18	0	0	416	2,576	8	59	7,474	27,531	247	1,944
08/20	7	7	0	0	138	883	2	16	1,111	4,274	54	431
08/21	9	9	0	0	151	948	0	0	1,171	4,388	59	517
08/22	9	9	0	0	217	1,300	3	33	2,274	8,628	86	723
08/23	1	1	0	0	0	0	0	0	31	116	6	47
08/24	8	14	0	0	430	2,536	120	649	4,699	19,046	266	1,853
08/28	1	1	0	0	18	121	0	0	358	1,270	18	133
Totals	20	492	22	296	4,953	31,761	336	1,699	86,629	318,636	40,361	313,664

Appendix E.44. Commercial salmon catch by species and fishing period for the Southwestern District purse seine fishery, Prince William Sound, 1987.

Catch by Species													
Period	Dates	Hours	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	07/21-07/22	39	157	13	218	12,067	80,106	607	4,223	729,724	2,590,239	20,658	163,801
2	07/28-07/30	63	317	24	326	4,886	33,234	5,033	42,849	1,290,800	4,572,064	11,607	91,165
3	08/04-08/06	63	616	21	187	9,564	65,226	2,048	15,162	3,270,861	11,326,804	43,183	340,896
4	08/11-08/13	144	798	10	113	7,686	50,987	2,369	17,329	3,885,502	13,504,808	46,431	362,890
5	08/17-08/21	111	723	16	224	5,313	36,780	1,648	12,524	2,748,034	9,630,281	21,410	171,957
6	08/24-08/28	111	336	1	15	2,372	15,894	429	3,550	1,092,250	3,831,796	5,452	43,159
7	08/31-09/04	111	116	0	0	733	4,855	531	3,969	316,410	1,077,532	1,486	11,236
8	09/07-09/11	99	3	0	0	0	0	0	0	8,359	27,670	0	0
Totals		741	3,066	85	1,083	42,621	287,082	12,665	99,606	13,341,940	46,561,194	150,227	1,185,104

Appendix E.45. Commercial salmon catch by species and date for the Southwestern District purse seine fishery, Prince William Sound, 1987.

		Catch by Species										
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/21	58	61	2	31	5,292	35,693	91	658	291,126	1,027,176	6,536	52,770
07/22	83	95	11	187	6,510	42,558	516	3,565	434,386	1,548,321	13,935	109,438
07/23	1	1	0	0	265	1,855	0	0	4,212	14,742	187	1,593
07/28	89	98	2	56	1,570	10,505	126	820	470,787	1,659,058	2,588	20,934
07/29	87	95	4	53	1,512	10,020	825	6,850	348,700	1,224,807	2,823	21,786
07/30	112	124	18	217	1,804	12,709	4,082	35,179	471,313	1,688,199	6,196	48,445
08/04	167	200	10	73	3,667	25,008	338	2,570	1,306,573	4,511,939	10,076	79,376
08/05	159	190	3	29	3,017	20,440	748	5,557	861,919	2,977,714	13,556	105,893
08/06	186	226	8	85	2,880	19,778	962	7,035	1,102,369	3,837,151	19,551	155,627
08/11	154	188	1	4	2,674	17,464	626	4,515	1,225,776	4,231,136	14,937	115,467
08/12	152	169	1	4	1,572	10,105	443	3,310	864,536	2,951,656	11,824	89,718
08/13	130	160	1	30	1,837	12,550	613	4,522	741,604	2,629,326	8,386	68,497
08/14	122	136	3	42	1,127	7,676	382	2,803	583,925	2,043,298	5,667	44,204
08/15	133	145	4	33	476	3,192	305	2,179	469,661	1,649,392	5,617	45,004
08/16	121	139	0	0	434	2,972	200	1,477	471,577	1,657,823	3,823	30,505
08/17	142	169	1	45	1,188	8,203	329	2,535	701,464	2,469,022	4,738	36,530
08/18	127	146	3	35	1,352	9,228	372	2,758	533,669	1,855,974	5,535	46,864
08/19	87	99	6	79	905	6,481	322	2,397	395,344	1,392,157	3,927	31,596
08/20	66	67	0	0	690	4,986	72	577	257,147	891,976	1,810	14,225
08/21	90	103	6	65	744	4,910	353	2,780	388,833	1,363,329	1,577	12,237
08/24	96	118	0	0	647	4,336	106	907	479,274	1,688,849	1,537	12,359
08/25	77	85	0	0	746	5,086	143	1,087	259,102	897,025	1,538	12,159
08/26	55	58	1	15	369	2,540	96	852	136,545	484,757	1,024	7,995
08/27	41	45	0	0	377	2,432	61	526	124,937	441,981	1,186	9,354
08/28	28	30	0	0	233	1,500	23	178	92,392	319,184	167	1,292
08/31	26	27	0	0	40	226	39	346	88,745	300,707	607	4,392
09/01	30	33	0	0	240	1,641	175	1,212	90,445	308,466	223	2,210
09/02	13	14	0	0	161	1,048	126	772	39,789	131,674	574	3,995
09/03	17	21	0	0	285	1,874	178	1,552	55,139	190,212	0	0
09/04	18	21	0	0	7	66	13	87	42,292	146,473	82	639
09/08	3	3	0	0	0	0	0	0	8,359	27,670	0	0
Totals	267	3,066	85	1,083	42,621	287,082	12,665	99,606	13,341,940	46,561,194	150,227	1,185,104

Appendix E.46. Commercial salmon catch by species and date for Statistical Area 226-10, Southwestern District purse seine fishery, Prince William Sound, 1987.

Catch by Species														
Catch		Chinook		Sockeye		Coho		Pink		Chum				
Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds		
08/06	3	4	2	20	145	981	149	1,155	35,682	122,435	600	4,765		
08/11	1	1	0	0	121	845	0	0	11,233	39,317	264	2,113		
08/12	1	1	0	0	15	100	0	0	7,661	25,818	33	250		
08/13	3	3	0	0	46	330	59	414	12,760	44,593	91	790		
08/17	1	1	0	0	2	15	0	0	5,172	20,985	14	110		
08/18	1	1	0	0	10	60	65	521	7,369	25,792	112	784		
08/31	3	3	0	0	17	91	11	104	5,996	22,683	0	0		
09/03	3	4	0	0	134	764	68	611	6,526	23,247	0	0		
09/04	1	2	0	0	7	66	13	87	1,942	7,537	82	639		
Totals	12	20	2	20	497	3,252	365	2,892	94,341	332,407	1,196	9,451		

Appendix E.47. Commercial salmon catch by species and date for Statistical Area 226-20, Southwestern District purse seine fishery, Prince William Sound, 1987.

Catch Date	Permits	Landings	Catch by Species									
			Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/21	18	18	1	13	1,383	9,237	5	33	69,555	254,313	714	5,797
07/22	22	25	3	21	1,971	13,026	31	213	72,545	269,732	2,904	22,410
07/23	1	1	0	0	265	1,855	0	0	4,212	14,742	187	1,593
07/28	14	14	0	0	216	1,466	63	389	71,614	245,438	327	2,426
07/29	12	14	0	0	207	1,467	4	26	49,915	170,442	342	2,554
07/30	14	14	4	54	376	2,668	58	448	51,093	174,708	1,180	8,992
08/04	29	33	9	71	1,396	9,645	81	626	203,518	712,309	2,304	17,459
08/05	24	28	1	8	915	6,367	312	2,278	141,016	493,924	3,224	24,279
08/06	29	37	3	47	783	5,512	231	1,738	134,871	470,805	4,507	35,647
08/11	20	21	0	0	780	5,048	46	309	111,035	380,919	1,430	10,817
08/12	36	37	0	0	579	3,647	39	260	160,286	528,014	2,316	16,913
08/13	25	30	0	0	947	6,363	136	877	149,257	519,704	2,427	18,980
08/14	17	19	2	34	433	2,947	70	532	64,524	221,848	1,014	7,712
08/17	23	24	1	45	425	2,975	66	522	92,894	323,795	1,703	12,851
08/18	16	17	0	0	482	3,408	49	352	55,026	192,578	1,864	17,841
08/19	14	16	0	0	497	3,596	38	274	58,256	211,211	825	7,714
08/20	14	14	0	0	357	2,702	12	95	39,218	137,642	717	5,685
08/21	10	10	0	0	189	1,320	24	183	22,114	77,659	201	1,646
08/24	8	9	0	0	140	1,012	18	151	32,221	109,193	283	2,383
08/25	14	17	0	0	448	3,139	28	208	45,365	156,581	769	6,170
08/26	8	8	0	0	138	979	0	0	10,751	37,638	230	1,882
09/01	5	5	0	0	5	31	0	0	9,147	30,823	13	95
09/02	6	6	0	0	156	1,020	124	756	5,200	17,525	26	197
Totals	130	417	24	293	13,088	89,430	1,435	10,270	1,653,633	5,751,543	29,507	232,043

Appendix E.48. Commercial salmon catch by species and date for Statistical Area 226-30, Southwestern District purse seine fishery, Prince William Sound, 1987.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/21	1	1	0	0	165	992	0	0	2,620	8,828	40	300
07/22	1	1	0	0	73	515	0	0	3,542	11,690	34	260
07/28	4	4	0	0	51	340	0	0	16,162	54,991	34	256
07/29	9	9	0	0	343	2,228	672	5,803	40,336	136,931	420	3,141
07/30	11	12	0	0	124	808	3,666	32,133	41,066	138,778	441	3,312
08/04	16	18	0	0	250	1,610	0	0	108,385	364,965	918	6,934
08/05	22	25	0	0	267	1,752	5	35	148,643	504,944	1,528	11,639
08/06	30	37	0	0	505	3,395	193	1,228	250,577	854,345	5,028	38,846
08/11	5	5	0	0	14	98	115	845	30,796	108,159	878	7,380
08/12	15	18	0	0	60	417	19	144	114,375	391,307	1,001	7,635
08/13	13	15	0	0	66	447	26	203	64,687	222,736	560	4,358
08/14	20	24	0	0	89	638	4	33	126,479	430,294	1,081	8,317
08/17	13	16	0	0	15	102	0	0	60,933	209,506	169	1,287
08/18	14	15	0	0	83	589	0	0	77,856	265,874	298	2,248
08/19	6	9	0	0	23	147	22	138	43,773	151,552	351	2,733
08/20	6	6	0	0	20	134	1	9	36,907	124,622	219	1,647
08/21	8	10	0	0	59	420	0	0	47,834	164,311	185	1,408
08/24	5	5	0	0	14	104	19	174	15,920	55,657	63	489
08/25	3	3	0	0	9	56	0	0	6,506	23,601	131	1,042
08/26	2	2	0	0	3	18	0	0	7,056	24,557	18	134
Totals	79	235	0	0	2,233	14,810	4,742	40,745	1,244,453	4,247,648	13,397	103,366

Appendix E.49. Commercial salmon catch by species and date for Statistical Area 226-40, Southwestern District purse seine fishery, Prince William Sound, 1987.

Catch Date	Catch by Species											
	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/21	25	25	1	18	2,452	16,437	9	73	124,895	442,292	1,391	12,101
07/22	31	35	2	62	2,098	13,423	25	206	129,600	466,005	5,609	43,292
07/28	33	36	1	6	532	3,414	36	251	170,765	598,696	609	4,981
07/29	25	27	3	40	529	3,487	89	607	110,618	391,312	647	5,186
07/30	36	40	0	0	709	5,072	198	1,327	174,570	627,154	2,002	16,066
08/04	83	97	1	2	1,377	9,194	105	836	617,373	2,148,683	3,709	29,650
08/05	67	77	2	21	1,141	7,435	283	2,152	326,780	1,137,956	5,518	43,808
08/06	65	74	3	18	800	5,423	203	1,531	329,278	1,156,567	5,472	45,512
08/11	84	106	0	0	1,354	8,772	272	2,041	688,798	2,385,794	7,975	62,268
08/12	52	56	0	0	607	3,854	202	1,478	297,008	1,018,906	4,965	36,651
08/13	46	56	1	30	519	3,636	119	851	237,347	876,582	2,452	21,171
08/14	24	25	0	0	124	833	61	460	75,221	262,428	1,075	7,997
08/15	26	27	0	0	60	441	18	139	66,171	247,982	1,118	10,041
08/16	32	32	0	0	60	409	68	451	114,322	411,519	689	6,099
08/17	59	66	0	0	495	3,444	121	903	293,776	1,038,201	1,453	11,488
08/18	30	34	1	7	327	2,219	52	380	98,763	350,171	1,152	9,079
08/19	24	27	0	0	120	843	79	572	100,251	351,026	831	6,893
08/20	14	14	0	0	99	709	7	57	76,299	268,707	456	3,562
08/21	34	39	6	65	255	1,631	31	303	115,752	407,034	298	2,335
08/24	51	64	0	0	301	1,995	22	199	262,723	929,138	673	5,243
08/25	41	44	0	0	216	1,389	79	556	156,283	539,707	215	1,639
08/26	31	32	1	15	146	985	32	324	75,057	266,653	442	3,340
08/27	27	29	0	0	313	2,041	17	168	81,104	279,802	866	6,768
08/28	25	27	0	0	232	1,493	10	88	87,502	301,836	129	930
08/31	20	21	0	0	20	120	24	202	74,199	251,484	532	3,862
09/01	16	19	0	0	48	292	38	200	66,894	228,000	185	1,925
09/02	6	6	0	0	5	28	2	16	28,275	92,869	548	3,798
09/03	9	9	0	0	94	690	66	581	21,617	73,932	0	0
09/04	8	10	0	0	0	0	0	0	25,690	87,803	0	0
09/08	3	3	0	0	0	0	0	0	8,359	27,670	0	0
Totals	220	1,157	22	284	15,033	99,709	2,268	16,952	5,035,290	17,665,909	51,011	405,685

Appendix E.50. Commercial salmon catch by species and date for Statistical Area 226-50, Southwestern District purse seine fishery, Prince William Sound, 1987.

Catch Date	Permits	Landings	Catch by Species									
			Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/21	5	5	0	0	776	5,344	0	0	18,192	60,039	2,323	18,970
07/22	7	7	3	18	947	5,989	366	2,379	75,883	276,835	1,183	10,782
07/28	8	10	1	50	146	1,161	0	0	42,850	165,652	214	2,267
07/29	4	4	0	0	47	318	0	0	10,718	41,841	67	627
07/30	13	14	3	54	197	1,422	99	833	61,646	260,860	833	7,088
08/04	7	8	0	0	135	1,028	15	148	53,120	188,264	418	3,717
08/05	13	13	0	0	178	1,275	0	0	57,860	201,765	526	4,557
08/06	12	13	0	0	90	632	0	0	54,656	190,404	355	2,799
08/11	3	3	0	0	49	344	32	207	30,706	104,403	191	1,719
08/12	4	4	0	0	42	268	18	113	24,631	84,958	119	1,071
08/13	4	4	0	0	64	439	29	183	32,245	109,220	212	1,865
08/14	17	19	1	8	172	1,203	47	304	109,456	386,842	555	4,461
08/15	17	17	1	9	46	308	53	396	53,960	187,695	811	5,694
08/16	8	9	0	0	116	844	0	0	47,547	173,966	72	500
08/17	12	12	0	0	80	547	13	97	51,649	181,440	139	1,237
08/18	13	13	0	0	96	637	53	363	52,705	183,136	235	1,896
08/19	9	9	6	79	120	874	125	943	57,960	201,264	851	6,219
08/20	7	7	0	0	50	367	27	208	34,014	117,914	30	270
08/21	11	11	0	0	100	662	6	42	58,741	206,465	35	266
08/24	12	12	0	0	102	673	4	45	55,298	197,288	179	1,491
08/25	2	2	0	0	8	60	0	0	3,691	11,014	0	0
08/26	5	5	0	0	19	121	20	141	17,467	62,059	134	1,129
08/27	5	5	0	0	46	281	0	0	15,741	56,677	49	455
08/31	1	1	0	0	0	0	0	0	100	350	0	0
09/02	2	2	0	0	0	0	0	0	6,314	21,280	0	0
09/03	2	2	0	0	0	0	0	0	11,175	37,658	0	0
09/04	7	7	0	0	0	0	0	0	5,948	20,638	0	0
Totals	94	218	15	218	3,626	24,797	907	6,402	1,044,273	3,729,927	9,531	79,080

Appendix E.51. Commercial salmon catch by species and date for Statistical Area 226-51, Southwestern District purse seine fishery, Prince William Sound, 1987. This statistical area is the Point Elrington Subdistrict.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/21	10	12	0	0	516	3,683	77	552	75,864	261,704	2,068	15,602
07/22	27	27	3	86	1,421	9,605	94	767	152,816	524,059	4,205	32,694
07/28	28	31	0	0	614	4,044	27	180	159,509	559,673	1,339	10,514
07/29	34	37	1	13	359	2,307	60	414	124,703	440,838	1,246	9,571
07/30	30	35	11	109	297	1,966	32	242	118,727	401,783	1,382	10,328
08/04	29	35	0	0	445	3,029	127	892	268,295	900,783	2,545	20,293
08/05	35	39	0	0	470	3,273	114	840	161,169	546,527	2,444	19,278
08/06	44	51	0	0	477	3,292	106	778	255,293	892,273	2,930	22,842
08/11	25	26	0	0	198	1,299	82	524	199,702	665,103	2,739	19,757
08/12	33	37	1	4	219	1,453	146	1,184	200,184	685,124	2,893	23,124
08/13	39	42	0	0	159	1,109	211	1,757	217,239	756,470	1,929	15,596
08/14	36	39	0	0	253	1,691	148	1,077	159,611	570,373	1,415	11,375
08/15	50	57	3	24	218	1,457	180	1,255	232,941	811,729	2,091	16,578
08/16	65	75	0	0	220	1,473	124	956	236,173	819,694	2,012	15,894
08/17	23	25	0	0	93	608	76	649	112,851	397,203	930	6,942
08/18	37	44	2	28	301	1,957	139	1,026	154,655	536,593	1,245	9,937
08/19	28	28	0	0	102	727	48	404	95,239	334,061	691	5,296
08/20	19	19	0	0	98	637	21	180	43,690	148,411	272	2,118
08/21	23	24	0	0	111	693	159	1,286	95,819	332,421	640	4,846
08/24	16	18	0	0	85	522	26	206	74,908	265,529	291	2,366
08/25	15	15	0	0	41	295	32	288	31,109	109,613	302	2,334
08/26	10	10	0	0	61	428	44	387	23,004	80,669	190	1,428
08/27	10	11	0	0	18	110	44	358	28,092	105,502	271	2,131
08/28	3	3	0	0	1	7	13	90	4,890	17,348	38	362
09/01	7	7	0	0	186	1,310	134	985	10,629	37,198	0	0
09/03	5	6	0	0	57	420	44	360	15,821	55,375	0	0
09/04	2	2	0	0	0	0	0	0	8,712	30,495	0	0
Totals	139	755	21	264	7,020	47,395	2,308	17,637	3,261,645	11,286,551	36,108	281,206

Appendix E.52. Commercial salmon catch by species and date for Statistical Area 226-60, Southwestern District purse seine fishery, Prince William Sound, 1987. This statistical area is the Port San Juan Subdistrict.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/28	3	3	0	0	11	80	0	0	9,887	34,608	65	490
07/29	4	4	0	0	27	213	0	0	12,410	43,443	101	707
07/30	9	9	0	0	101	773	29	196	24,211	84,916	358	2,659
08/04	7	9	0	0	64	502	10	68	55,882	196,935	182	1,323
08/05	8	8	0	0	46	338	34	252	26,451	92,598	316	2,332
08/06	10	10	0	0	80	543	80	605	42,012	150,322	659	5,216
08/11	22	26	1	4	158	1,058	79	589	153,506	547,441	1,460	11,413
08/12	15	16	0	0	50	366	19	131	60,391	217,529	497	4,074
08/13	9	10	0	0	36	226	33	237	28,069	100,021	715	5,737
08/14	10	10	0	0	56	364	52	397	48,634	171,513	527	4,342
08/15	30	30	0	0	118	744	51	368	91,292	316,738	1,141	8,982
08/16	16	18	0	0	38	246	8	70	60,631	208,937	368	2,859
08/17	17	23	0	0	63	407	53	364	80,460	285,067	291	2,315
08/18	19	22	0	0	53	358	14	116	87,295	301,830	629	5,079
08/19	10	10	0	0	43	294	10	66	39,865	143,043	378	2,741
08/20	7	7	0	0	66	437	4	28	27,019	94,680	116	943
08/21	9	9	0	0	30	184	133	966	48,573	175,439	218	1,736
08/24	10	10	0	0	5	30	17	132	38,204	132,044	48	387
08/25	4	4	0	0	24	147	4	35	16,148	56,509	121	974
08/26	1	1	0	0	2	9	0	0	3,210	13,181	10	82
08/31	2	2	0	0	3	15	4	40	8,450	26,190	75	530
09/01	2	2	0	0	1	8	3	27	3,775	12,445	25	190
Totals	97	243	1	4	1,075	7,342	637	4,687	966,375	3,405,429	8,300	65,111

Appendix E.53. Commercial salmon catch by species and date for Statistical Areas 226-61 and 226-62, Southwestern District purse seine fishery, Prince William Sound, 1987. These areas are the Prince William Sound Aquaculture Corporation Armin F. Koernig Hatchery secondary and terminal harvest areas respectively.

Catch by Species													
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
08/15	14	14	0	0	34	242	3	21	25,297	85,248	456	3,709	
08/16	5	5	0	0	0	0	0	0	12,904	43,707	682	5,153	
08/17	2	2	0	0	15	105	0	0	3,729	12,825	39	300	
Totals	20	21	0	0	49	347	3	21	41,930	141,780	1,177	9,162	

Appendix E.54. Commercial salmon catch by species and fishing period for the Montague District purse seine fishery, Prince William Sound, 1987.

Catch by Species													
Period	Dates	Hours	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	07/23	15	22	3	55	208	1,397	141	781	64,866	226,863	1,145	9,171
2	07/28-07/30	63	1	0	0	0	0	0	0	1,442	4,757	25	198
3	08/04-08/06	63	1	1	29	7	39	0	0	2,493	8,726	45	360
4	08/11-08/12	87	5	0	0	51	296	150	974	39,926	139,737	529	4,225
5	08/17-08/21	111	1	0	0	3	17	23	182	2,284	7,994	10	83
Totals		339	30	4	84	269	1,749	314	1,937	111,011	388,077	1,754	14,037

Appendix E.55. Commercial salmon catch by species and date for the Montague District purse seine fishery, Prince William Sound, 1987.

Catch by Species													
Catch			Chinook		Sockeye		Coho		Pink		Chum		
Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
07/23	22	22	3	55	208	1,397	141	781	64,866	226,863	1,145	9,171	
07/30	1	1	0	0	0	0	0	0	1,442	4,757	25	198	
08/06	1	1	1	29	7	39	0	0	2,493	8,726	45	360	
08/13	1	3	0	0	34	197	100	651	28,959	101,355	366	2,928	
08/14	1	2	0	0	17	99	50	323	10,967	38,382	163	1,297	
08/19	1	1	0	0	3	17	23	182	2,284	7,994	10	83	
Totals	25	30	4	84	269	1,749	314	1,937	111,011	388,077	1,754	14,037	

Appendix E.56. Commercial salmon catch by species and date for Statistical Area 227-10, Montague District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/23	16	16	3	55	176	1,200	134	726	54,895	190,025	1,023	8,273
08/06	1	1	1	29	7	39	0	0	2,493	8,726	45	360
08/13	1	3	0	0	34	197	100	651	28,959	101,355	366	2,928
08/14	1	2	0	0	17	99	50	323	10,967	38,382	163	1,297
08/19	1	1	0	0	3	17	23	182	2,284	7,994	10	83
Totals	18	23	4	84	237	1,552	307	1,882	99,598	346,482	1,607	12,941

Appendix E.57. Commercial salmon catch by species and date for Statistical Area 227-20, Montague District purse seine fishery, Prince William Sound, 1987.

Catch by Species													
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
07/23	6	6	0	0	32	197	7	55	9,971	36,838	122	898	
07/30	1	1	0	0	0	0	0	0	1,442	4,757	25	198	
Totals	7	7	0	0	32	197	7	55	11,413	41,595	147	1,096	

Appendix E.58. Commercial salmon catch by species and fishing period for the Southeastern District purse seine fishery, Prince William Sound, 1987. No catch was reported from Statistical Area 228-50.

Catch by species													
Period	Dates	Hours	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
1	07/14-07/16	63	55	3	135	376	2,529	1	9	154,218	527,772	6,579	50,644
2	07/21-07/23	63	118	5	116	762	4,980	8	35	374,987	1,282,704	15,120	119,313
3	07/28-07/30	63	90	2	52	503	3,495	0	0	356,391	1,214,045	9,164	71,219
4	08/19-08/21	63	11	0	0	59	385	14	120	29,834	99,729	436	3,360
5	08/24-08/27	90	8	0	0	0	0	0	0	40,558	134,324	1,582	12,652
Totals		342	282	10	303	1,700	11,389	23	164	955,988	3,258,574	32,881	257,188

Appendix E.59. Commercial salmon catch by species and date for the Southeastern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
Catch			Chinook		Sockeye		Coho		Pink		Chum	
Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/14	11	11	0	0	73	529	0	0	39,069	139,754	1,249	10,043
07/15	16	16	1	37	43	295	0	0	45,753	156,385	1,741	13,041
07/16	23	27	2	98	232	1,535	1	9	64,353	214,990	3,308	25,031
07/17	1	1	0	0	28	170	0	0	5,043	16,643	281	2,529
07/21	40	41	1	50	300	1,933	1	5	148,501	511,946	3,046	23,854
07/22	52	53	0	0	335	2,188	7	30	151,323	519,726	6,002	46,436
07/23	24	24	4	66	127	859	0	0	75,163	251,032	6,072	49,023
07/28	28	31	1	45	229	1,640	0	0	122,844	426,512	3,292	25,958
07/29	25	28	0	0	167	1,136	0	0	150,540	505,425	3,537	27,639
07/30	30	31	1	7	107	719	0	0	83,007	282,108	2,335	17,622
08/19	1	1	0	0	0	0	0	0	572	1,944	27	216
08/20	6	6	0	0	59	385	14	120	20,804	69,245	291	2,255
08/21	4	4	0	0	0	0	0	0	8,458	28,540	118	889
08/24	3	5	0	0	0	0	0	0	23,861	78,793	1,567	12,532
08/25	2	2	0	0	0	0	0	0	10,611	35,020	15	120
08/27	1	1	0	0	0	0	0	0	6,086	20,511	0	0
Totals	78	282	10	303	1,700	11,389	23	164	955,988	3,258,574	32,881	257,188

Appendix E.60. Commercial salmon catch by species and date for Statistical Area 228-20, Southeastern District purse seine fishery, Prince William Sound, 1987.

Catch by Species													
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
07/16	1	1	0	0	1	7	0	0	62	205	450	2,935	
07/17	1	1	0	0	28	170	0	0	5,043	16,643	281	2,529	
07/23	4	4	0	0	0	0	0	0	3,035	10,670	2,438	19,550	
07/29	2	2	0	0	0	0	0	0	6,025	24,090	33	215	
Totals	7	8	0	0	29	177	0	0	14,165	51,608	3,202	25,229	

Appendix E.61. Commercial salmon catch by species and date for Statistical Area 228-30, Southeastern District purse seine fishery, Prince William Sound, 1987. Includes landings reported from Statistical Area 222-10, although this area was closed to fishing in 1987.

Catch by Species													
		Chinook		Sockeye		Coho		Pink		Chum			
Catch Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
07/14	5	5	0	0	1	9	0	0	14,197	46,853	306	2,452	
07/15	6	6	0	0	15	111	0	0	13,597	43,879	661	4,833	
07/16	9	9	0	0	89	540	0	0	15,397	51,421	580	4,446	
07/21	23	23	0	0	228	1,447	1	5	85,897	288,798	508	4,002	
07/22	36	36	0	0	287	1,892	7	30	95,897	326,668	1,866	14,918	
07/23	7	7	4	66	89	543	0	0	32,869	109,995	1,139	9,276	
07/28	13	13	1	45	55	391	0	0	49,839	167,360	1,319	10,222	
07/29	14	15	0	0	132	851	0	0	77,683	262,798	871	6,903	
07/30	14	14	1	7	46	304	0	0	37,866	127,968	429	3,297	
08/19	1	1	0	0	0	0	0	0	572	1,944	27	216	
08/20	6	6	0	0	59	385	14	120	20,804	69,245	291	2,255	
08/21	4	4	0	0	0	0	0	0	8,458	28,540	118	889	
Totals	51	139	6	118	1,001	6,473	22	155	453,076	1,525,469	8,115	63,709	

Appendix E.62. Commercial salmon catch by species and date for Statistical Area 228-40, Southeastern District purse seine fishery, Prince William Sound, 1987.

Catch by Species												
			Chinook		Sockeye		Coho		Pink		Chum	
Catch Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/14	1	1	0	0	0	0	0	0	2,083	7,293	115	981
07/15	5	5	0	0	18	127	0	0	17,604	59,328	668	5,016
07/16	4	5	0	0	75	464	0	0	16,525	55,691	1,035	7,789
07/21	5	5	0	0	36	232	0	0	22,715	82,231	670	5,462
07/22	2	2	0	0	1	7	0	0	7,152	26,104	507	3,866
07/28	8	8	0	0	15	102	0	0	28,571	99,050	983	7,521
07/29	2	2	0	0	13	80	0	0	16,807	48,863	322	2,572
07/30	7	7	0	0	15	103	0	0	18,478	62,047	381	2,884
08/24	3	5	0	0	0	0	0	0	23,861	78,793	1,567	12,532
08/25	2	2	0	0	0	0	0	0	10,611	35,020	15	120
08/27	1	1	0	0	0	0	0	0	6,086	20,511	0	0
Totals	25	43	0	0	173	1,115	0	0	170,493	574,931	6,263	48,743

Appendix E.63. Commercial salmon catch by species and date for Statistical Area 228-60, Southeastern District purse seine fishery, Prince William Sound, 1987.

Catch by Species													
			Chinook		Sockeye		Coho		Pink		Chum		
Catch Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
07/14	5	5	0	0	72	520	0	0	22,789	85,608	828	6,610	
07/15	5	5	1	37	10	57	0	0	14,552	53,178	412	3,192	
07/16	9	12	2	98	67	524	1	9	32,369	107,673	1,243	9,861	
07/21	12	13	1	50	36	254	0	0	39,889	140,917	1,868	14,390	
07/22	15	15	0	0	47	289	0	0	48,274	166,954	3,629	27,652	
07/23	13	13	0	0	38	316	0	0	39,259	130,367	2,495	20,197	
07/28	8	10	0	0	159	1,147	0	0	44,434	160,102	990	8,215	
07/29	7	9	0	0	22	205	0	0	50,025	169,674	2,311	17,949	
07/30	9	10	0	0	46	312	0	0	26,663	92,093	1,525	11,441	
Totals	24	92	4	185	497	3,624	1	9	318,254	1,106,566	15,301	119,507	

Appendix E.64. Temporally stratified age and sex composition of sockeye salmon in the Unakwik District commercial drift gill net fishery, Prince William Sound, 1987. There was a very small number of sockeye salmon caught (146 fish) in purse seines in this district but they were not caught during the period sampled and are not included in this table.

		Brood Year and Age Group							Total
		1983		1982		1981		1980	
		0.3	1.2	1.3	2.2	1.4	2.3	2.4	
Stratum Dates:		6/14 - 8/06							
Sample Dates:		6/27							
Sample Size:		640							
Female	Percent of Sample	0.2	0.5	48.7	0.0	0.2	5.5	0.2	55.3
	Number in Catch	12	29	2,870	0	12	324	12	3,259
Male	Percent of Sample	0.3	1.8	36.2	0.5	1.1	4.8	0.0	44.7
	Number in Catch	18	106	2,134	29	65	283	0	2,635
Total	Percent of Sample	0.5	2.3	84.9	0.5	1.3	10.3	0.2	100.0
	Number in Catch	30	135	5,004	29	77	607	12	5,894
	Standard Error	16	35	83	16	26	71	10	

Appendix E.65. Temporally stratified age and sex composition of sockeye salmon in the Coghill District commercial drift gill net and purse seine fisheries, Prince William Sound, 1987. These catch figures may vary slightly from those presented elsewhere in this report due to additional revisions of catch statistics by fish ticket editors after this analysis was completed.

		Brood Year and Age Group									
		1984		1983		1982		1981		1980	Total
		0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	2.4	
Stratum Dates: 6/14 - 6/27											
Sample Dates: 6/19											
Sample Size: 529											
Female	Percent of Sample	0.0	0.0	1.3	0.9	59.6	0.2	0.2	2.5	0.0	64.7
	Number in Catch	0	0	649	449	29,764	100	100	1,249	0	32,311
Male	Percent of Sample	0.2	0.0	1.3	1.9	30.9	0.2	0.0	0.6	0.2	35.3
	Number in Catch	100	0	649	949	15,431	100	0	300	100	17,629
Total	Percent of Sample	0.2	0.0	2.6	2.8	90.5	0.4	0.2	3.1	0.2	100.0
	Number in Catch	100	0	1,298	1,398	45,195	200	100	1,549	100	49,940
	Standard Error	97	0	346	359	637	137	97	377	97	
Stratum Dates: 6/28 - 7/04											
Sample Dates: 7/01											
Sample Size: 582											
Female	Percent of Sample	0.0	0.2	0.2	1.2	59.3	0.3	0.0	3.1	0.0	64.3
	Number in Catch	0	152	152	909	44,931	227	0	2,349	0	48,720
Male	Percent of Sample	0.0	0.0	0.2	2.4	31.4	0.3	0.0	1.4	0.0	35.7
	Number in Catch	0	0	152	1,818	23,792	227	0	1,061	0	27,050
Total	Percent of Sample	0.0	0.2	0.4	3.6	90.7	0.6	0.0	4.5	0.0	100.0
	Number in Catch	0	152	304	2,727	68,723	454	0	3,410	0	75,770
	Standard Error	0	140	198	586	913	243	0	652	0	
Stratum Dates: 7/05 - 7/20											
Sample Dates: 7/08											
Sample Size: 551											
Female	Percent of Sample	0.0	0.2	0.0	0.2	48.8	0.4	0.5	3.4	0.0	53.5
	Number in Catch	0	423	0	423	103,246	846	1,058	7,193	0	113,189
Male	Percent of Sample	0.0	0.0	0.0	1.3	41.7	0.7	0.4	2.2	0.2	46.5
	Number in Catch	0	0	0	2,751	88,224	1,481	846	4,655	423	98,380
Total	Percent of Sample	0.0	0.2	0.0	1.5	90.5	1.1	0.9	5.6	0.2	100.0
	Number in Catch	0	423	0	3,174	191,470	2,327	1,904	11,848	423	211,569
	Standard Error	0	403	0	1,097	2,645	941	852	2,074	403	

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Appendix E.65. (p. 2 of 2)

		Brood Year and Age Group									Total
		1984		1983		1982		1981		1980	
		0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	2.4	
Stratum Dates: 7/21 - 9/11											
Sample Dates: 7/23											
Sample Size: 1,077											
Female	Percent of Sample	0.0	0.0	0.0	1.6	44.6	0.7	0.1	3.0	0.0	50.0
	Number in Catch	0	0	0	1,266	35,267	554	79	2,372	0	39,538
Male	Percent of Sample	0.0	0.4	0.0	0.5	46.7	0.4	0.3	1.6	0.1	50.0
	Number in Catch	0	316	0	395	36,928	316	237	1,265	79	39,536
Total	Percent of Sample	0.0	0.4	0.0	2.1	91.3	1.1	0.4	4.6	0.1	100.0
	Number in Catch	0	316	0	1,661	72,195	870	316	3,637	79	79,074
	Standard Error	0	152	0	346	679	251	152	505	76	
Strata Combined: 6/14 - 9/11											
Sample Dates: 6/19 - 7/23											
Sample Size: 2,739											
Female	Percent of Sample	0.0	0.1	0.2	0.7	51.2	0.4	0.3	3.2	0.0	56.1
	Number in Catch	0	575	801	3,047	213,208	1,727	1,237	13,163	0	233,758
Male	Percent of Sample	0.0	0.1	0.2	1.4	39.5	0.5	0.3	1.7	0.1	43.9
	Number in Catch	100	316	801	5,913	164,375	2,124	1,083	7,281	602	182,595
Total	Percent of Sample	0.0	0.2	0.4	2.2	90.7	0.9	0.6	4.9	0.1	100.0
	Number in Catch	100	891	1,602	8,960	377,583	3,851	2,320	20,444	602	416,353
	Standard Error	97	453	399	1,339	2,949	1,013	871	2,264	422	

Appendix E.66. Temporally stratified age and sex composition of sockeye salmon in the Southwestern District commercial purse seine fishery, Prince William Sound, 1987.

		Brood Year and Age Group										Total
		1984		1983		1982			1981		1980	
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4	
Stratum Dates: 7/19 - 7/25												
Sample Dates: 7/23												
Sample Size: 501												
Female	Percent of Sample	0.0	0.0	0.0	2.4	0.0	38.3	1.0	0.0	4.0	0.2	45.9
	Number in Catch	0	0	0	290	0	4,622	121	0	483	24	5,540
Male	Percent of Sample	0.0	0.2	0.0	1.8	0.0	46.7	1.2	0.0	4.2	0.0	54.1
	Number in Catch	0	24	0	217	0	5,635	144	0	507	0	6,527
Total	Percent of Sample	0.0	0.2	0.0	4.2	0.0	85.0	2.2	0.0	8.2	0.2	100.0
	Number in Catch	0	24	0	507	0	10,257	265	0	990	24	12,067
	Standard Error	0	24	0	108	0	193	79	0	148	24	
Stratum Dates: 7/26 - 8/01												
Sample Dates: 7/31												
Sample Size: 281												
Female	Percent of Sample	0.0	0.4	0.0	10.3	0.0	25.6	4.9	0.4	3.6	0.0	45.2
	Number in Catch	0	20	0	503	0	1,250	239	20	176	0	2,208
Male	Percent of Sample	0.0	0.7	0.4	6.4	0.0	41.2	1.1	0.0	4.6	0.4	54.8
	Number in Catch	0	34	20	313	0	2,012	54	0	225	20	2,678
Total	Percent of Sample	0.0	1.1	0.4	16.7	0.0	66.8	6.0	0.4	8.2	0.4	100.0
	Number in Catch	0	54	20	816	0	3,262	293	20	401	20	4,886
	Standard Error	0	30	18	109	0	138	69	18	80	18	
Stratum Dates: 8/02 - 8/08												
Sample Dates: 8/05 - 8/06												
Sample Size: 567												
Female	Percent of Sample	0.2	0.0	0.4	22.6	0.0	12.9	7.4	0.0	2.5	0.0	46.0
	Number in Catch	19	0	38	2,161	0	1,234	708	0	239	0	4,399
Male	Percent of Sample	0.0	1.4	0.2	13.4	0.7	32.2	3.0	0.0	3.1	0.0	54.0
	Number in Catch	0	134	19	1,282	67	3,080	287	0	296	0	5,165
Total	Percent of Sample	0.2	1.4	0.6	36.0	0.7	45.1	10.4	0.0	5.6	0.0	100.0
	Number in Catch	19	134	57	3,443	67	4,314	995	0	535	0	9,564
	Standard Error	18	47	31	193	34	200	123	0	92	0	

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Appendix E.66. (p. 2 of 2)

		Brood Year and Age Group										Total
		1984		1983			1982		1981		1980	
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4	
Stratum Dates: 8/09 - 8/15												
Sample Dates: 8/12 - 8/14												
Sample Size: 559												
Female	Percent of Sample	0.0	0.0	0.0	29.3	0.0	3.9	13.2	0.0	0.5	0.0	46.9
	Number in Catch	0	0	0	2,252	0	300	1,015	0	38	0	3,605
Male	Percent of Sample	0.0	1.8	0.0	25.8	0.4	13.1	10.7	0.0	1.3	0.0	53.1
	Number in Catch	0	138	0	1,983	31	1,007	822	0	100	0	4,081
Total	Percent of Sample	0.0	1.8	0.0	55.1	0.4	17.0	23.9	0.0	1.8	0.0	100.0
	Number in Catch	0	138	0	4,235	31	1,307	1,837	0	138	0	7,686
	Standard Error	0	43	0	162	21	122	139	0	43	0	
Stratum Dates: 8/16 - 9/12												
Sample Dates: 8/18 - 8/19												
Sample Size: 429												
Female	Percent of Sample	0.0	0.0	0.0	32.9	0.0	4.2	15.6	0.0	1.6	0.0	54.3
	Number in Catch	0	0	0	2,769	0	354	1,313	0	135	0	4,571
Male	Percent of Sample	0.0	1.9	0.0	24.9	0.7	6.5	10.5	0.0	1.2	0.0	45.7
	Number in Catch	0	160	0	2,096	59	547	884	0	101	0	3,847
Total	Percent of Sample	0.0	1.9	0.0	57.8	0.7	10.7	26.1	0.0	2.8	0.0	100.0
	Number in Catch	0	160	0	4,865	59	901	2,197	0	236	0	8,418
	Standard Error	0	56	0	201	34	126	179	0	67	0	
Strata Combined: 8/19 - 9/12												
Sample Dates: 7/23 - 8/19												
Sample Size: 2,337												
Female	Percent of Sample	0.0	0.0	0.1	18.7	0.0	18.2	8.0	0.0	2.5	0.1	47.7
	Number in Catch	19	20	38	7,975	0	7,760	3,396	20	1,071	24	20,323
Male	Percent of Sample	0.0	1.1	0.1	13.8	0.4	28.8	5.1	0.0	2.9	0.0	52.3
	Number in Catch	0	490	39	5,891	157	12,281	2,191	0	1,229	20	22,298
Total	Percent of Sample	0.0	1.2	0.2	32.5	0.4	47.0	13.1	0.0	5.4	0.1	100.0
	Number in Catch	19	510	77	13,866	157	20,041	5,587	20	2,300	44	42,621
	Standard Error	18	93	36	357	52	356	278	18	208	30	

Appendix E.67. Temporally stratified age and sex composition of chum salmon in the Coghill District commercial drift gill net and purse seine fisheries, Prince William Sound, 1987.

		1984	Brood Year and Age Group			
			1983	1982	1981	
		0.2	0.3	0.4	0.5	Total
Stratum Dates: 6/14 - 7/04 ^a						
Sample Dates: 6/25						
Sample Size: 371						
Female	Percent of Sample	0.0	39.7	7.0	0.0	46.7
	Number in Catch	0	56,355	9,937	0	66,292
Male	Percent of Sample	0.0	40.5	12.5	0.3	53.3
	Number in Catch	0	57,490	17,744	426	75,660
Total	Percent of Sample	0.0	80.2	19.5	0.3	100.0
	Number in Catch	0	113,845	27,680	426	141,951
	Standard Error	0	2,945	2,928	404	
Stratum Dates: 7/05 - 9/11 ^b						
Sample Dates: 7/15						
Sample Size: 587						
Female	Percent of Sample	1.0	39.2	14.8	0.0	55.0
	Number in Catch	2,361	92,568	34,949	0	129,878
Male	Percent of Sample	1.0	27.3	16.4	0.3	45.0
	Number in Catch	2,361	64,467	38,727	708	106,263
Total	Percent of Sample	2.0	66.5	31.2	0.3	100.0
	Number in Catch	4,723	157,035	73,677	708	236,143
	Standard Error	1,366	4,604	4,520	534	
Strata Combined: 6/14 - 9/11						
Sample Dates: 6/25 - 7/15						
Sample Size: 958						
Female	Percent of Sample	0.6	39.4	11.9	0.0	51.9
	Number in Catch	2,361	148,924	44,886	0	196,171
Male	Percent of Sample	0.6	32.3	14.9	0.3	48.1
	Number in Catch	2,361	121,957	56,471	1,134	181,923
Total	Percent of Sample	1.2	71.7	26.8	0.3	100.0
	Number in Catch	4,722	270,880	101,357	1,134	378,094
	Standard Error	1,366	5,469	5,380	669	

a Catches in the first time stratum were caught only by gill nets.

b Because it was not possible to say with certainty that the sample for this stratum was caught exclusively by the gill net fleet, the relatively small purse seine catches (59,252 fish) in this time period were included in this catch stratum.

Appendix E.68. Estimated age composition of chum salmon in the Eshamy District commercial drift and set gill net fisheries, Prince William Sound, 1987. The sample for the first stratum was a pool of samples from the district catch as a whole and from Main Bay exclusively. The samples for the remaining two strata were from Main Bay. No sex composition data were collected for these catches.

		Brood Year and Age Group				
		1984	1983	1982	1981	
		0.2	0.3	0.4	0.5	Total
<hr/>						
Stratum Dates:	6/14 - 6/20					
Sample Dates:	6/18 - 6/20					
Sample Size:	681					
Sexes Combined	Percent of Sample	0.2	26.5	72.1	1.2	100.0
	Number in Catch	13	1,787	4,863	81	6,744
	Standard Error	12	114	116	28	
<hr/>						
Stratum Dates:	6/21 - 6/27					
Sample Dates:	6/21 - 6/27					
Sample Size:	707					
Sexes Combined	Percent of Sample	0.7	39.3	59.0	1.0	100.0
	Number in Catch	61	3,375	5,063	85	8,584
	Standard Error	27	158	159	32	
<hr/>						
Stratum Dates:	6/28 - 8/29					
Sample Dates:	6/28 - 7/04					
Sample Size:	1,219					
Sexes Combined	Percent of Sample	0.4	57.4	41.3	0.8	100.0
	Number in Catch	151	21,150	15,228	302	36,831
	Standard Error	67	522	519	95	
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Strata Combined:	6/14 - 8/29					
Sample Dates:	6/18 - 7/04					
Sample Size:	2,607					
Sexes Combined	Percent of Sample	0.4	50.5	48.2	0.9	100.0
	Number in Catch	225	26,312	25,154	468	52,159
	Standard Error	67	522	519	95	

Appendix E.69. Temporally stratified age and sex composition of chum salmon in the Eastern District commercial purse seine fishery, Prince William Sound, 1987.

		Brood Year and Age Group				
		1984	1983	1982	1981	Total
		0.2	0.3	0.4	0.5	
Stratum Dates: 6/21 - 7/04						
Sample Dates: 6/25						
Sample Size: 369						
Female	Percent of Sample	0.3	23.8	29.0	0.0	53.1
	Number in Catch	675	53,544	65,243	0	119,462
Male	Percent of Sample	0.0	16.0	30.6	0.3	46.9
	Number in Catch	0	35,996	68,842	675	105,513
Total	Percent of Sample	0.3	39.8	59.6	0.3	100.0
	Number in Catch	675	89,540	134,085	675	224,975
	Standard Error	641	5,741	5,755	641	
Stratum Dates: 7/05 - 7/11						
Sample Dates: 7/09						
Sample Size: 373						
Female	Percent of Sample	0.0	31.9	26.0	0.3	58.2
	Number in Catch	0	44,333	36,134	417	80,884
Male	Percent of Sample	0.0	19.3	22.0	0.5	41.8
	Number in Catch	0	26,822	30,575	695	58,092
Total	Percent of Sample	0.0	51.2	48.0	0.8	100.0
	Number in Catch	0	71,155	66,709	1,112	138,976
	Standard Error	0	3,602	3,600	642	
Stratum Dates: 7/12 - 7/25						
Sample Dates: 7/25						
Sample Size: 445						
Female	Percent of Sample	2.0	39.6	11.0	0.0	52.6
	Number in Catch	4,637	91,821	25,506	0	121,964
Male	Percent of Sample	1.6	37.1	8.5	0.2	47.4
	Number in Catch	3,710	86,025	19,709	464	109,908
Total	Percent of Sample	3.6	76.7	19.5	0.2	100.0
	Number in Catch	8,347	177,846	45,215	464	231,872
	Standard Error	2,050	4,652	4,360	492	
Stratum Dates: 7/26 - 9/12						
Sample Dates: 8/12						
Sample Size: 443						
Female	Percent of Sample	3.4	31.6	14.0	0.0	49.0
	Number in Catch	8,407	78,135	34,617	0	121,159
Male	Percent of Sample	4.0	27.3	19.2	0.5	51.0
	Number in Catch	9,890	67,502	47,474	1,236	126,102
Total	Percent of Sample	7.4	58.9	33.2	0.5	100.0
	Number in Catch	18,297	145,637	82,091	1,236	247,261
	Standard Error	3,079	5,787	5,539	830	

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Appendix E.69. (p. 2 of 2)

		Brood Year and Age Group				
		1984	1983	1982	1981	Total
		0.2	0.3	0.4	0.5	
Strata Combined: 6/21 - 9/12						
Sample Dates: 6/25 - 8/12						
Sample Size: 1,630						
Female	Percent of Sample	1.6	31.7	19.2	0.0	52.5
	Number in Catch	13,719	267,833	161,500	417	443,469
Male	Percent of Sample	1.6	25.7	19.8	0.4	47.5
	Number in Catch	13,600	216,345	166,600	3,070	399,615
Total	Percent of Sample	3.2	57.4	39.0	0.4	100.0
	Number in Catch	27,319	484,178	328,100	3,487	843,084
	Standard Error	3,754	10,052	9,786	1,324	

Appendix E.70. Temporally stratified age and sex composition of chum salmon in the Northern District commercial purse seine fishery, Prince William Sound, 1987.

		Brood Year and Age Group					
		1985	1984	1983	1982	1981	Total
		0.1	0.2	0.3	0.4	0.5	
Stratum Dates: 6/28 - 7/11							
Sample Dates: 7/10							
Sample Size: 368							
Female	Percent of Sample	0.0	0.0	32.7	22.3	0.3	55.3
	Number in Catch	0	0	53,408	36,422	490	90,320
Male	Percent of Sample	0.0	0.0	22.9	21.8	0.0	44.7
	Number in Catch	0	0	37,402	35,606	0	73,008
Total	Percent of Sample	0.0	0.0	55.6	44.1	0.3	100.0
	Number in Catch	0	0	90,810	72,028	490	163,328
	Standard Error	0	0	4,236	4,233	466	
Stratum Dates: 7/12 - 7/18							
Sample Dates: 7/17							
Sample Size: 557							
Female	Percent of Sample	0.0	0.4	24.6	21.6	0.0	46.6
	Number in Catch	0	375	23,064	20,251	0	43,690
Male	Percent of Sample	0.0	0.4	22.8	29.8	0.4	53.4
	Number in Catch	0	375	21,377	27,940	375	50,067
Total	Percent of Sample	0.0	0.8	47.4	51.4	0.4	100.0
	Number in Catch	0	750	44,441	48,191	375	93,757
	Standard Error	0	354	1,985	1,987	251	
Stratum Dates: 7/19 - 7/25							
Sample Dates: 7/22							
Sample Size: 472							
Female	Percent of Sample	0.0	0.8	35.7	15.7	0.2	52.4
	Number in Catch	0	267	11,887	5,228	67	17,449
Male	Percent of Sample	0.0	0.8	28.8	17.6	0.4	47.6
	Number in Catch	0	267	9,590	5,861	133	15,851
Total	Percent of Sample	0.0	1.6	64.5	33.3	0.6	100.0
	Number in Catch	0	534	21,477	11,089	200	33,300
	Standard Error	0	193	734	723	118	
Stratum Dates: 7/26 - 8/28							
Sample Dates: 8/05							
Sample Size: 388							
Female	Percent of Sample	0.3	2.3	35.7	15.7	0.3	54.3
	Number in Catch	223	1,710	26,539	11,671	223	40,366
Male	Percent of Sample	0.0	2.6	25.0	18.1	0.0	45.7
	Number in Catch	0	1,933	18,585	13,456	0	33,974
Total	Percent of Sample	0.3	4.9	60.7	33.8	0.3	100.0
	Number in Catch	223	3,643	45,124	25,127	223	74,340
	Standard Error	207	816	1,846	1,788	207	

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Appendix E.70. (p. 2 of 2)

		Brood Year and Age Group					
		1985	1984	1983	1982	1981	Total
		0.1	0.2	0.3	0.4	0.5	
Strata Combined: 6/28 - 8/28							
Sample Dates: 7/10 - 8/05							
Sample Size: 1,785							
Female	Percent of Sample	0.1	0.6	31.5	20.2	0.2	52.6
	Number in Catch	223	2,352	114,898	73,572	780	191,825
Male	Percent of Sample	0.0	0.7	23.9	22.7	0.1	47.4
	Number in Catch	0	2,575	86,954	82,863	508	172,900
Total	Percent of Sample	0.1	1.3	55.4	42.9	0.3	100.0
	Number in Catch	223	4,927	201,852	156,435	1,288	364,725
	Standard Error	207	910	5,082	5,058	581	

Appendix E.71. Temporally stratified age and sex composition of chum salmon in salmon in the Northwestern District commercial purse seine fishery, Prince William Sound, 1987.

		Brood Year and Age Group				
		1984	1983	1982	1981	
		0.2	0.3	0.4	0.5	Total
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Stratum Dates:		7/12 - 7/25				
Sample Dates:		7/19				
Sample Size:		230				
Female	Percent of Sample	0.9	23.5	21.3	0.0	45.7
	Number in Catch	490	12,805	11,606	0	24,901
Male	Percent of Sample	1.3	32.6	20.0	0.4	54.3
	Number in Catch	708	17,763	10,898	218	29,587
Total	Percent of Sample	2.2	56.1	41.3	0.4	100.0
	Number in Catch	1,198	30,568	22,504	218	54,488
	Standard Error	527	1,783	1,769	227	
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Stratum Dates:		7/26 - 9/01				
Sample Dates:		7/29				
Sample Size:		469				
Female	Percent of Sample	0.6	31.6	11.9	0.0	44.1
	Number in Catch	100	5,254	1,979	0	7,333
Male	Percent of Sample	1.1	30.5	24.3	0.0	55.9
	Number in Catch	183	5,072	4,040	0	9,295
Total	Percent of Sample	1.7	62.1	36.2	0.0	100.0
	Number in Catch	283	10,326	6,019	0	16,628
	Standard Error	99	372	369	0	
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Strata Combined:		7/12 - 9/05				
Sample Dates:		7/19 - 7/29				
Sample Size:		699				
Female	Percent of Sample	0.8	25.4	19.1	0.0	45.3
	Number in Catch	590	18,059	13,585	0	32,234
Male	Percent of Sample	1.3	32.1	21.0	0.3	54.7
	Number in Catch	891	22,835	14,938	218	38,882
Total	Percent of Sample	2.1	57.5	40.1	0.3	100.0
	Number in Catch	1,481	40,894	28,523	218	71,116
	Standard Error	537	1,825	1,811	227	

Appendix E.72. Temporally stratified age and sex composition of chum salmon in the Southwestern District commercial purse seine fishery, Prince William Sound, 1987.

		Brood Year and Age Group			
		1984	1983	1982	Total
		0.2	0.3	0.4	
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Stratum Dates:		7/21 - 8/01			
Sample Dates:		7/23			
Sample Size:		364			
Female	Percent of Sample	1.9	40.7	13.7	56.3
	Number in Catch	613	13,132	4,420	18,165
Male	Percent of Sample	1.4	25.8	16.5	43.7
	Number in Catch	452	8,324	5,324	14,100
Total	Percent of Sample	3.3	66.5	30.2	100.0
	Number in Catch	1,065	21,456	9,744	32,265
	Standard Error	303	799	778	
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Stratum Dates:		8/02 - 9/04			
Sample Dates:		8/05			
Sample Size:		430			
Female	Percent of Sample	0.9	46.0	19.6	66.5
	Number in Catch	1,062	54,262	23,121	78,445
Male	Percent of Sample	1.9	20.0	11.6	33.5
	Number in Catch	2,241	23,592	13,684	39,517
Total	Percent of Sample	2.8	66.0	31.2	100.0
	Number in Catch	3,303	77,855	36,804	117,962
	Standard Error	940	2,698	2,639	
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Strata Combined:		7/19 - 9/04			
Sample Dates:		7/23 - 8/05			
Sample Size:		794			
Female	Percent of Sample	1.1	44.9	18.3	64.3
	Number in Catch	1,675	67,394	27,541	96,610
Male	Percent of Sample	1.8	21.2	12.7	35.7
	Number in Catch	2,693	31,916	19,008	53,617
Total	Percent of Sample	2.9	66.1	31.0	100.0
	Number in Catch	4,368	99,311	46,548	150,227
	Standard Error	987	2,814	2,751	

Appendix E.73. Estimated age and sex composition of chum salmon in the Southeastern District commercial purse seine fishery, Prince William Sound, 1987.

		Brood Year and Age Group			
		1984	1983	1982	Total
		0.2	0.3	0.4	
Stratum Dates:		7/05 - 8/25			
Sample Dates:		7/22			
Sample Size:		434			
Female	Percent of Sample	2.5	32.0	13.1	47.6
	Number in Catch	822	10,522	4,307	15,651
Male	Percent of Sample	4.2	33.2	15.0	52.4
	Number in Catch	1,381	10,916	4,933	17,230
Total	Percent of Sample	6.7	65.2	28.1	100.0
	Number in Catch	2,203	21,438	9,240	32,881
	Standard Error	395	753	710	

Appendix E.74. Sales harvest of salmon by species and date for the Valdez Fisheries Development Association's Solomon Gulch Hatchery special harvest area, Statistical Area 221-62, Eastern District, Prince William Sound, 1987.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/17	1	1	0	0	0	0	0	0	31,944	105,415	0	0
06/19	1	5	0	0	12	84	0	0	130,115	429,373	36	302
06/20	1	6	0	0	0	0	0	0	59,755	202,623	0	0
06/21	1	4	0	0	0	0	0	0	76,873	253,682	0	0
06/22	1	4	0	0	0	0	0	0	75,037	249,190	0	0
06/23	1	5	0	0	0	0	0	0	120,969	409,103	0	0
06/24	1	3	0	0	0	0	0	0	58,771	193,807	0	0
06/25	1	3	0	0	0	0	0	0	97,124	320,980	0	0
06/26	1	2	0	0	0	0	0	0	37,616	126,011	0	0
06/27	1	3	0	0	0	0	0	0	95,687	320,985	0	0
06/28	1	1	0	0	0	0	0	0	24,387	78,041	0	0
06/29	1	3	0	0	0	0	0	0	92,368	304,912	0	0
06/30	1	3	0	0	0	0	0	0	35,693	121,591	0	0
07/01	1	1	0	0	0	0	0	0	23,619	80,305	0	0
07/02	1	1	0	0	0	0	0	0	9,990	32,967	0	0
07/03	1	2	0	0	0	0	0	0	73,913	247,844	0	0
07/09	1	1	0	0	0	0	0	0	8,745	28,859	0	0
07/15	1	4	0	0	0	0	0	0	39,174	129,278	0	0
07/16	1	1	0	0	0	0	0	0	15,130	49,930	0	0
07/18	1	1	0	0	0	0	0	0	11,105	37,757	0	0
07/21	1	1	0	0	0	0	0	0	12,034	40,918	0	0
07/25	1	1	0	0	0	0	0	0	14,603	49,650	0	0
07/26	1	1	0	0	0	0	0	0	5,032	17,110	0	0
07/28	1	2	0	0	0	0	0	0	24,869	84,560	0	0
07/30	1	2	0	0	0	0	0	0	20,177	68,604	0	0
08/01	1	1	0	0	0	0	0	0	11,987	40,757	0	0
08/03	1	1	0	0	0	0	0	0	12,517	42,558	0	0
08/04	1	1	0	0	0	0	0	0	11,084	37,688	0	0
08/05	1	2	0	0	0	0	0	0	19,702	66,433	0	0
08/21	1	1	0	0	0	0	0	0	409	1,350	111	885
08/24	1	1	0	0	0	0	0	0	155	513	159	1,274
08/27	1	1	0	0	0	0	0	0	278	944	116	913
08/31	2	3	0	0	0	0	0	0	8,685	27,119	177	1,415
09/01	1	2	0	0	0	0	0	0	12,055	37,629	0	0
09/02	2	3	0	0	0	0	0	0	12,661	39,872	114	912
09/03	1	2	0	0	0	0	0	0	16,080	50,147	0	0
09/04	2	4	0	0	0	0	219	1,645	13,768	41,397	263	2,105
09/05	1	2	0	0	0	0	0	0	21,618	65,159	0	0
09/06	1	2	0	0	0	0	0	0	20,744	63,748	0	0
09/08	1	1	0	0	0	0	154	1,156	0	0	0	0
09/11	1	1	0	0	0	0	386	1,932	0	0	90	722
09/14	1	1	0	0	0	0	274	2,415	0	0	0	0
09/16	1	1	0	0	0	0	413	3,637	0	0	0	0
09/18	1	1	0	0	0	0	684	6,020	0	0	0	0
09/23	1	3	0	0	0	0	3,269	22,885	0	0	0	0
09/24	1	1	0	0	0	0	135	942	0	0	0	0
09/25	1	1	0	0	0	0	712	4,983	0	0	0	0
09/30	1	1	0	0	0	0	130	907	0	0	0	0
10/02	1	1	0	0	0	0	185	1,293	0	0	0	0
10/09	1	1	0	0	0	0	307	2,151	0	0	0	0
10/21	1	1	0	0	0	0	147	990	0	0	0	0
Totals	2	101	0	0	12	84	7,015	50,956	1,356,473	4,498,809	1,066	8,528

Appendix E.75. Sales harvest of salmon by species and date for the Alaska Department of Fish and Game's Fisheries Development and Enhancement Division Cannery Creek Hatchery special harvest area, Statistical Area 222-21, Northern District, Prince William Sound, 1987.

Catch by Species													
			Chinook		Sockeye		Coho		Pink		Chum		
Catch			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
Date	Permits	Landings											
07/28	1	1	0	0	0	0	0	0	8,143	28,499	0	0	
07/29	1	1	0	0	0	0	0	0	10,080	34,410	23	138	
07/30	1	1	0	0	0	0	0	0	1,578	5,368	4	27	
08/01	1	1	0	0	0	0	0	0	5,136	17,465	25	194	
08/02	1	1	0	0	0	0	0	0	11,166	37,966	68	539	
08/03	1	1	0	0	0	0	0	0	4,899	16,658	35	237	
Totals	1	6	0	0	0	0	0	0	41,002	140,366	155	1,135	

Appendix E.76. Sales harvest of salmon by species and date for the Prince William Sound Aquaculture Association's Esther Hatchery special harvest area, Statistical Area 223, Coghill District, Prince William Sound, 1987.

Catch by Species												
Catch Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
08/03	1	2	0	0	0	0	0	0	68,943	252,331	0	0
08/04	1	2	0	0	0	0	0	0	100,153	352,143	0	0
08/06	1	1	0	0	0	0	0	0	14,595	55,460	0	0
08/07	1	1	0	0	0	0	0	0	32,838	121,500	0	0
08/08	1	3	0	0	0	0	0	0	55,693	188,180	0	0
08/10	1	1	0	0	0	0	0	0	33,724	124,779	0	0
Totals	1	10	0	0	0	0	0	0	305,946	1,094,393	0	0

Appendix E.77. Sales harvest of salmon by species and date for the Prince William Sound Aquaculture Association's Armin F. Koernig Hatchery special harvest area, Statistical Areas 226-61 and 62, Southwestern District, Prince William Sound, 1987.

Catch Date	Permits	Landings	Catch by Species										
			Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
07/22	1	1	0	0	0	0	0	0	0	15,200	54,700	11	110
07/23	1	1	0	0	0	0	0	0	0	20,657	72,301	0	0
07/25	1	1	0	0	0	0	0	0	0	41,366	140,644	0	0
07/26	1	3	0	0	0	0	0	0	0	67,949	237,821	83	759
07/27	1	1	0	0	0	0	0	0	0	22,826	79,890	15	80
07/28	1	1	0	0	0	0	0	0	0	32,681	114,385	17	103
07/29	1	3	0	0	0	0	0	0	0	79,047	272,658	20	135
07/30	1	1	0	0	0	0	0	0	0	14,539	50,886	0	0
07/31	1	2	0	0	0	0	0	0	0	29,487	107,949	0	0
08/01	1	2	0	0	0	0	0	0	0	52,104	187,575	32	216
08/03	1	3	0	0	0	0	0	0	0	90,086	327,375	55	429
08/04	1	5	0	0	0	0	0	0	0	152,059	552,377	43	302
08/06	1	5	0	0	0	0	0	0	0	152,947	544,432	37	369
08/08	1	1	0	0	0	0	0	0	0	26,134	94,081	11	94
08/09	1	4	0	0	0	0	0	0	0	128,485	453,787	89	736
08/10	1	1	0	0	0	0	0	0	0	16,117	58,021	57	409
08/11	1	9	0	0	0	0	0	0	0	219,209	793,396	715	6,141
08/12	1	2	0	0	0	0	0	0	0	121,747	445,855	143	1,065
Totals	2	46	0	0	0	0	0	0	0	1,282,640	4,588,133	1,328	10,948

APPENDIX F

Salmon Escapements to Coastal Streams in Prince William Sound

Appendix F.1. Daily escapement counts of sockeye, pink, chum, and chinook salmon through the weir below Coghill Lake, 1987. Sockeye count includes 2,542 jack salmon.

Date	Daily Escapement							
	Sockeye		Pink		Chum		Chinook	
	Daily	Cumulative	Daily	Cumulative	Daily	Cumulative	Daily	Cumulative
6/10	1	1	0	0	0	0	0	0
6/11	0	1	0	0	0	0	0	0
6/12	0	1	0	0	0	0	0	0
6/13	1	2	0	0	0	0	0	0
6/14	0	2	0	0	0	0	0	0
6/15	0	2	0	0	0	0	0	0
6/16	0	2	0	0	0	0	0	0
6/17	0	2	0	0	0	0	0	0
6/18	0	2	0	0	0	0	0	0
6/19	1	3	0	0	0	0	0	0
6/20	0	3	0	0	0	0	0	0
6/21	115	118	0	0	0	0	0	0
6/22	1341	1459	0	0	0	0	0	0
6/23	622	2081	0	0	0	0	0	0
6/24	0	2081	0	0	0	0	0	0
6/25	0	2081	0	0	0	0	0	0
6/26	0	2081	0	0	0	0	0	0
6/27	676	2757	0	0	0	0	2	2
6/28	434	3191	2	2	0	0	1	3
6/29	2638	5829	0	2	0	0	0	3
6/30	618	6447	0	2	0	0	0	3
7/01	695	7142	0	2	0	0	0	3
7/02	481	7623	0	2	0	0	1	4
7/03	1	7624	0	2	0	0	0	4
7/04	154	7778	0	2	0	0	0	4
7/05	46	7824	0	2	0	0	0	4
7/06	1563	9387	21	23	11	11	0	4
7/07	772	10159	39	62	1	12	0	4
7/08	190	10349	31	93	0	12	1	5
7/09	1202	11551	186	279	0	12	1	6
7/10	4968	16519	408	687	5	17	0	6
7/11	20268	36787	1212	1899	32	49	0	6
7/12	46399	83186	2841	4740	22	71	0	6
7/13	44243	127429	4945	9685	30	101	3	9
7/14	27102	154531	6493	16178	41	142	1	10
7/15	5260	159791	3303	19481	6	148	0	10
7/16	2618	162409	7206	26687	13	161	0	10
7/17	50	162459	400	27087	0	161	0	10
7/18	252	162711	245	27332	6	167	0	10
7/19	3340	166051	1658	28990	18	185	1	11
7/20	9622	175673	3197	32187	36	221	0	11
7/21	7047	182720	3166	35353	30	251	0	11
7/22	3778	186498	2990	38343	31	282	0	11
7/23	765	187263	3100	41443	5	287	0	11
Totals		187263		41443		287		11

Appendix F.2. Sockeye salmon aerial escapement indices from selected systems in Prince William Sound, 1987. Counts contained in this table are obtained in conjunction with the regular pink and chum aerial survey program. Many of these sockeye systems are difficult to survey by air and thus the counts do not necessarily represent total live abundance at a particular time.

			Weekly Count (Week Ending Dates)									
Stream or Lake		Statistical Area	July			August				September		
No.	Name		11	18	25	1	8	15	22	29	5	12
137	Robe River ^a	221-60										
218	Billy's Hole	222-10					10					
300	Red Lake	223-20			250							
454	Halferty Creek	224-10						100	100	100		
461	Cochrane Creek ^a	224-10										
476	Shrode Lake	224-30				400	5200	1060	60	10		
608	Jackpot Lakes	226-20			1250		900		220	200	100	
630	Bainbridge	226-20		300	150		80		300			
702	Point Creek	227-10		40								
Total			0	340	1650	400	6190	1160	680	310	100	0

a No sockeye counts obtained in 1987.

Appendix F.3. Weekly aerial estimates of the escapement of pink salmon in Prince William Sound by district, statistical area, and stream, 1987. Counts are of live fish in streams.

Eastern District Stream		Week Ending Date															Adjusted		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
2	Hartney Creek		NS	NS	NS	30	NS	600	450	1,200	4,000	1,920	NS	NS	NS	NS	NS	8,200	3,430
5	Eccles Creek		NS	NS	NS	NS	NS	NS	NS	1,400	3,200	600	NS	NS	NS	NS	NS	5,200	2,920
8	Fleming Creek		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	0
11	Humpy Creek		0	0	250	1,400	3,500	5,500	7,160#	8,000	10,000	10,000	6,000	1,200	NS	NS	NS	53,010	21,350
Orca Inlet		221-10	0	0	250	1,430	3,500	6,100	7,610	10,600	17,200	12,520	6,000	1,200	0	0	0	66,410	27,700
19	Twin Lakes Creek		0	0	0	0	50	50	430#	500	900	4,000	300	250	NS	NS	NS	6,480	2,620
20	Spring Creek		0	0	0	50	100	200	1,110#	900	1,300	1,600	1,200	150	NS	NS	NS	6,610	2,670
21	Rogue Creek		0	0	0	500	1,800	4,500	3,815#	3,600	3,800	2,500	3,900	200	NS	NS	NS	24,615	10,150
23	Chase Creek		0	0	0	500	1,000	2,900	4,150#	6,500	8,000	8,500	6,000	600	NS	NS	NS	38,150	15,560
35	Koppen Creek		100	0	0	400	700	2,000	7,000	6,500	15,000	37,000	32,000	3,640	NS	NS	NS	104,340	41,800
36	Sheep River		0	10	0	50	300	800	660#	2,000	3,000	15,000	7,000	10,400	NS	NS	NS	39,220	15,690
37	Allen Creek		0	0	0	50	200	50	100	600	1,100	3,500	2,300	400	NS	NS	NS	8,300	3,350
Simpson/Sheep		221-20	100	10	0	1,550	4,150	10,500	17,265	20,600	33,100	72,100	52,700	15,640	0	0	0	227,715	91,840
41	Pass Creek		0	0	0	0	0	0	50	50	1,000	600	1,500	550	NS	NS	NS	3,750	1,530
45	Plateau Creek		0	0	0	0	0	0	0	400	3,400	2,600	6,100	1,600	NS	NS	NS	14,100	5,880
46	Comfort Creek		0	0	0	50	100	250	520#	900	4,500	5,900	5,300	3,000	NS	NS	NS	20,520	8,240
48	Beartrap River		0	0	500	300	1,000	4,000	1,200	10,000	8,000	30,000	28,000	8,100	NS	NS	NS	91,100	36,740
49	Cataract Creek		0	0	0	0	0	0	50	300	600	700	1,000	200	NS	NS	NS	2,850	1,170
51	Olsen Creek		0	100	200	1,000	2,000	1,000	1,000	7,000	13,000	21,500	10,000	2,880	NS	NS	NS	59,680	23,930
52	Control Creek		0	50	750	3,000	5,000	8,500	9,000	15,000	14,000	11,000	9,000	2,000	NS	NS	NS	77,300	30,950
54	Carlson Creek		0	0	0	50	300	350	400	1,100	2,500	3,000	2,500	1,000	NS	NS	NS	11,200	4,510
56	St. Matthews Creek		0	0	20	200	600	1,300	1,200	1,500	3,500	5,000	3,800	1,800	NS	NS	NS	18,920	7,580
Gravina		221-30	0	150	1,470	4,600	9,000	15,400	13,420	36,250	50,500	80,300	67,200	21,130	0	0	0	299,420	120,530

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Eastern District (Continued)		Week Ending Date															Adjusted Stream Total		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Adjusted Stream Total
71	Two Moon Creek		NS	NS	NS	NS	NS		0	NS	NS	NS	NS	200	NS	NS	NS	200	200
73	Tundra Creek		NS	NS	NS	NS	NS		50	NS	NS	NS	NS	400	NS	NS	NS	450	630
76	Irish Creek		0	0	0	2,400	NS	2,000	5,230#	6,400	11,000	14,500	7,900	3,400	NS	NS	NS	52,830	24,170
80	Whalen Creek		50	0	2,100	3,700	11,000	17,000	6,500	6,500	6,800	6,100	6,000	4,280	NS	NS	NS	70,030	28,040
83	Keta Creek		0	0	250	400	600	1,000	2,700#	1,400	1,800	1,500	3,500	720	NS	NS	NS	13,870	5,700
87	Sunny River		0	0	0	300	1,700	1,800	1,430#	400	2,500	500	10,000	1,600	NS	NS	NS	20,230	8,270
88	Short Creek		0	0	0	50	0	400	300	800	2,000	1,800	3,500	200	NS	NS	NS	9,050	3,650
89	Fish Creek		0	100	400	2,000	2,800	10,000	3,500	7,000	13,000	12,000	20,000	5,800	NS	NS	NS	76,600	30,700
92	Shale Creek		0	0	0	0	300	400	1,000#	700	3,000	1,200	1,200	200	NS	NS	NS	8,000	3,380
93	Kirkwood Creek		0	0	100	100	500	1,000	740#	700	3,000	1,500	900	300	NS	NS	NS	8,840	3,600
94	Rock Creek		0	0	0	0	0	0	100	200	300	1,000	1,100	100	NS	NS	NS	2,800	1,180
99	Lagoon Creek		0	0	50	0	500	800	1,000	1,200	3,700	3,200	3,000	1,080	NS	NS	NS	14,530	5,840
Fidalgo		221-40	50	100	2,900	8,950	17,400	34,400	22,550	25,300	47,100	43,300	57,100	18,280	0	0	0	277,430	115,360
106	Gladhough Creek		NS	NS	NS	50	100	NS	200	800	2,500	1,600	1,000	300	NS	NS	NS	6,550	2,710
107	Black Creek		NS	NS	NS	0	50	NS	20	200	300	250	300	100	NS	NS	NS	1,220	550
114	Turner Creek		0	0	0	0	20	0	500	300	500	1,200	500	100	NS	NS	NS	3,120	1,260
115	Millard Creek		0	0	0	0	0	50	500	2,800	500	11,000	7,000	1,500	NS	NS	NS	23,350	9,370
116	Duck River		0	0	0	0	0	100	1,500	2,200	7,000	30,000	40,000	7,000	NS	NS	NS	87,800	35,180
117	Indian Creek		0	0	200	200	500	1,200	1,400	4,000	7,500	14,000	13,000	2,000	NS	NS	NS	44,000	17,720
120	Donaldson Creek		0	0	0	0	50	400	300	200	500	800	700	200	NS	NS	NS	3,150	1,290
121	Lvshakoff Creek		0	0	250	100	400	600	600	1,100	2,400	6,000	3,000	800	NS	NS	NS	15,250	6,250
122	No Name Creek		0	0	0	0	50	100	50	100	NS	0	50	50	NS	NS	NS	400	210
123	Gregorieff Creek		100	300	0	0	200	1,200	400	800	3,000	3,800	2,200	880	NS	NS	NS	12,880	5,210
127	Naomoff River		0	0	NS	2,400	3,100	3,100	2,500	3,300	3,500	8,900	1,500	3,150	NS	NS	NS	31,450	14,020
129	Vlasoff Creek		50	0	50	1,200	2,400	3,200	800	1,700	2,000	10,000	4,000	2,800	NS	NS	NS	28,200	11,310
152	Twin Falls Creek		0	0	0	1,500	1,300	2,500	0	4,000	2,500	6,500	5,600	2,100	NS	NS	NS	26,000	11,300
153	Stellar Creek		0	0	0	600	900	500	1,600	2,000	4,000	10,500	4,500	2,250	NS	NS	NS	26,850	11,100
Valdez Arm		221-50	150	300	500	6,050	9,070	12,950	10,370	23,500	36,200	104,550	83,350	23,230	0	0	0	310,220	127,480

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Eastern District (Continued)		Week Ending Date															Adjusted		
Stream																	Stream		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
131	Gorge Creek - Port Valdez		0	0	150	20	100	400#	300	300	800	300	300	0	NS	NS	NS	2,670	1,160
133	Sawmill Creek		100	450	350	700	300	1,400#	200	1,000	1,100	700	700	30	NS	NS	NS	7,030	2,870
137	Low River		NS	0	NS	NS	NS	2,600#	2,500	NS	NS	NS	NS	10	NS	NS	NS	5,110	5,110
143	Siwash Creek		0	0	0	509#	1,100	4,000#	9,360#	8,500	7,000#	1,200	400	0	NS	NS	NS	32,069	13,130
145	Crooked Creek		NS	NS	NS	300	NS	3,000	NS	2,500#	3,000	2,500	800	NS	NS	NS	NS	12,100	6,870
148	Mineral Flats		0	0	200	300	100	1,200	300	300	800	200	200	2,400	NS	NS	NS	6,000	2,520
Port Valdez		221-60	100	450	700	1,829	1,600	10,000	12,760	15,100	12,700	4,900	2,400	2,440	0	0	0	64,979	31,660
Eastern District TOTAL			400	1,010	5,820	24,409	44,720	89,350	83,975	131,350	196,800	317,670	268,750	81,920	0	0	0	1,246,174	514,570

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Northern District Stream		Week Ending Date															Adjusted Stream Total			
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Adjusted Stream Total	
204	Heather Bay		NS	NS	NS	0	NS		NS	NS	NS	0	0							
208	Granite Cove		NS	NS	NS	0	NS		NS	NS	NS	0	0							
209	Useless Creek		0	0	0	NS	0	0	0	20	20	100	0	0	NS	NS	NS	140	70	
210	Elf Creek		0	0	0	NS	0	0	200	20	0	0	0	0	NS	NS	NS	220	210	
213	Bench Mark Creek		0	0	0	0	0	400	500	300	100	50	0	0	NS	NS	NS	1,350	780	
214	Long Creek		0	0	0	0	0	0	100	700	400	2,500	1,000	NS	NS	NS	NS	4,700	1,940	
216	Vanishing Creek		0	0	0	100	0	0	700	100	500	1,000	1,000	0	NS	NS	NS	3,400	1,420	
217	Spring Creek		0	0	0	200	0	0	0	0	900	800	300	0	NS	NS	NS	2,200	1,000	
218	Billy's Creek		0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0	
221	Eickelberg Creek		0	0	0	0	50	50	100	50	100	200	0	0	NS	NS	NS	550	250	
Columbia/Long			222-10	0	0	0	300	50	450	1,600	1,190	2,020	4,650	2,300	0	0	0	0	12,560	5,670
224	Backyard Creek		0	0	0	0	0	100	100	800	2,200	2,300	2,400	250	NS	NS	NS	8,150	3,320	
227	Granite Creek		0	0	0	0	0	50	250	1,500	11,000	6,000	1,500	300	NS	NS	NS	20,600	8,270	
229	Cedar Creek		0	0	20	0	100	50	1,200	1,000	7,000	8,500	1,200	0	NS	NS	NS	19,070	7,640	
232	Delta Creek		0	0	0	0	0	50	0	200	500	200	0	0	NS	NS	NS	950	410	
233	Surplus Creek		0	0	0	0	0	100	300	500	1,000	2,500	150	0	NS	NS	NS	4,550	1,880	
234	Wells River		0	0	0	700	9,000	15,000	15,000	22,000	25,000	23,000	4,000	750	NS	NS	NS	114,450	46,200	
257	Complex Creek		NS	NS	0	0	0	50	50	0	0	800	50	0	NS	NS	NS	950	410	
258	Williams Creek		NS	NS	0	0	300	5,800	50	0	0	21,000	0	0	NS	NS	NS	27,150	11,040	
259	Jonah Creek		NS	NS	0	0	0	0	15,000	3,200	10,400	NS	10,000	7,800	NS	NS	NS	46,400	31,640	
263	Waterfall Creek		NS	NS	0	0	0	0	0	0	0	10	0	400	NS	NS	NS	410	170	
264	Siwash River		NS	NS	0	0	0	0	400	0	600	3,500	5,200	2,000	NS	NS	NS	11,700	5,240	
265	Unakwik Creek		NS	NS	0	0	0	0	0	30	30	100	150	30	NS	NS	NS	340	150	
Wells/Unakwik			222-20	0	0	20	700	9,400	21,200	32,350	29,230	57,730	67,910	24,650	11,530	0	0	0	254,720	116,370

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Northern District (Continued)		Week Ending Date															Adjusted		
Stream																	Stream		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
273	Schoppe Creek		NS	NS	0	0	0	50	50	0	0	0	0	0	NS	NS	NS	100	70
276	Black Bear Creek		NS	0	0	0	200	0	300	350	200	200	800	600	NS	NS	NS	2,650	1,180
277	Dead Creek		NS	NS	0	0	0	100	0	0	0	0	200	NS	NS	NS	300	180	
278	Comeback Creek		NS	NS	0	0	0	300	50	0	300	50	700	NS	NS	NS	1,400	740	
279	Canyon Creek		NS	NS	0	0	0	500	1,400	400	1,100	3,400	2,200	800	NS	NS	NS	9,800	4,220
282	Good Creek		NS	0	0	0	0	600	0	0	0	400	700	NS	NS	NS	1,700	1,040	
283	Bad Creek		NS	0	0	0	100	600	1,200	0	0	0	160	200	NS	NS	NS	2,260	960
289	Derickson Creek		NS	NS	NS	NS	50	50	250	0	10	1,600	2,500	1,800	NS	NS	NS	6,260	2,530
Eaglek		222-30	0	0	0	0	350	1,200	4,200	800	1,310	5,500	6,110	5,000	0	0	0	24,470	10,920
242	Cowpen Creek		NS	NS	NS	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	0
Unakwik District		222-50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern District TOTAL			0	0	20	1,000	9,800	22,850	38,150	31,220	61,060	78,060	33,060	16,530	0	0	0	291,750	132,960

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Coghill District Stream		Statistical Area	Week Ending Date														Total	Adjusted Stream Total	
No.	Name		6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19			9/26
414	Harrison Creek		NS	NS	0	0	0	0	NS	0	0	0	0	0	NS	NS	NS	0	0
417	Hobo Creek		NS	NS	0	0	0	0	NS	0	150	450	700	330	NS	NS	NS	1,630	740
421	Mill Creek		NS	0	0	0	0	0	NS	280	900	2,500	1,800	1,700	NS	NS	NS	7,180	3,040
424	Old Creek		NS	NS	0	0	0	0	100	30	100	0	0	0	NS	NS	NS	230	150
425	Hummer Creek		NS	NS	0	0	0	10	300	30	250	450	0	0	NS	NS	NS	1,040	420
428	Pirate Creek		NS	NS	0	0	0	50	200	80	30	10	50	100	NS	NS	NS	520	240
430	Meacham Creek		NS	0	0	0	20	1,100	2,100	1,500	2,000	4,000	2,000	4,000	NS	NS	NS	16,720	6,700
432	Swanson Creek		NS	0	0	0	200	2,500	12,000	10,000	10,000	6,000	9,500	6,500	NS	NS	NS	56,700	22,800
W. Port Wells		223-10	0	0	0	0	220	3,660	14,700	11,920	13,430	13,410	14,050	12,630	0	0	0	84,020	34,090
303	Triple Creek		NS	NS	0	0	0	0	NS	50	350	980	1,800	700	NS	NS	NS	3,880	1,580
307	Village Creek		NS	NS	0	0	0	50	NS	150	200	300	200	0	NS	NS	NS	900	440
Esther Passage		223-20	0	0	0	0	0	50	0	200	550	1,280	2,000	700	0	0	0	4,780	2,020
310	Golden Lagoon		NS	NS	0	0	0	0	NS	0	0	0	0	0	NS	NS	NS	0	0
314	Avery River		NS	NS	0	0	50	0	NS	0	0	0	0	0	NS	NS	NS	50	50
322	Coghill River - Below Weir		NS	NS	NS	0	500	0	NS	NS	NS	37,000	NS	NS	NS	NS	NS	37,500	45,900
3221	Coghill River - Lake Count		NS	NS	NS	0	NS	NS	NS	NS	NS	65,000	NS	NS	NS	NS	NS	65,000	65,000
E. Port Wells		223-30	0	0	0	0	550	0	0	0	0	102,000	0	0	0	0	0	102,550	110,950
Coghill District TOTAL			0	0	0	0	770	3,710	14,700	12,120	13,980	116,690	16,050	13,330	0	0	0	191,350	147,060

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Northwestern District Stream		Week Ending Date															Adjusted Stream Total		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
435	Logging Camp Creek		NS	0	0	0	0	500	600	500	1,300	900	0	0	NS	NS	NS	3,800	1,820
450	Tebenkoff Creek		NS	0	0	0	0	0	0	700	0	0	0	0	NS	NS	NS	700	700
451	Blackstone Creek		NS	NS	0	0	0	100	700	NS	300	200	150	50	NS	NS	NS	1,500	860
454	Halferty Creek		NS	0	0	0	0	1,500	1,100	300	500	600	500	630	NS	NS	NS	5,130	2,950
455	Paulson Creek		NS	NS	0	1,000	750	2,000	1,800	700	1,200	1,500	700	20	NS	NS	NS	9,670	4,470
458	Parks Creek		NS	NS	0	0	200	0	800	500	800	100	200	700	NS	NS	NS	3,300	1,440
461	Cochrane Creek		NS	NS	0	0	0	150	0	300	380	350	350	300	NS	NS	NS	1,830	820
469	Wickett Creek		NS	NS	NS	NS	0	10	600	NS	200	200	250	NS	NS	NS	NS	1,260	670
	Passage/Cochrane	224-10	0	0	0	1,000	950	4,260	5,600	3,000	4,680	3,850	2,150	1,700	0	0	0	27,190	13,730
471	Narrows Creek		NS	NS	NS	0	0	20	200	NS	150	70	50	NS	NS	NS	NS	490	280
476	Shrode Creek		NS	NS	0	0	100	500	12,000	13,000	15,000	25,000	15,000	7,900	NS	NS	NS	88,500	35,460
479	Culross Creek		NS	NS	0	0	150	100	1,500	450	1,150	500	200	350	NS	NS	NS	4,400	1,850
	Culross Pass	224-30	0	0	0	0	250	620	13,700	13,450	16,300	25,570	15,250	8,250	0	0	0	93,390	37,590
480	Hink Creek		NS	NS	0	0	900	NS	5,600	2,500	3,000	5,000	4,500	4,200	NS	NS	NS	25,700	12,390
484	E. Finger Creek		NS	NS	0	100	400	NS	3,400	2,500	500	1,200	240	50	NS	NS	NS	8,390	4,180
485	W. Finger Creek		NS	NS	0	0	150	NS	2,400	2,700	1,300	1,500	200	300	NS	NS	NS	8,550	4,060
493	Most Creek		NS	NS	NS	0	0	NS	400	350	0	50	0	0	NS	NS	NS	800	560
495	Chimevisky Lagoon		NS	NS	0	0	150	NS	600	50	0	0	0	0	NS	NS	NS	800	600
498	McClure Creek		NS	NS	0	0	0	NS	900	300	560	1,200	1,000	400	NS	NS	NS	4,360	2,280
	Hellie Juan	224-40	0	0	0	100	1,600	0	13,300	8,400	5,360	8,950	5,940	4,950	0	0	0	48,600	24,070
Northwestern District TOTAL			0	0	0	1,100	2,800	4,880	32,600	24,850	26,340	38,370	23,340	14,900	0	0	0	169,180	75,390

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Eshamy District Stream		Week Ending Date														Adjusted Stream			
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
506	Loomis Creek		NS	NS	NS	NS	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	0
507	Gumboot Creek		NS	NS	NS	NS	0	NS	NS	NS	NS	200	NS	NS	NS	NS	NS	200	200
508	North Shore - Eshamy Lagoon		NS	NS	0	NS	0	NS	NS	NS	NS	1,200	NS	NS	NS	NS	NS	1,200	1,200
510	Elishansky Creek		NS	NS	NS	NS	50	NS	NS	NS	NS	0	NS	NS	NS	NS	NS	50	50
511	Eshamy - Below Weir		NS	NS	NS	NS	0	NS	NS	NS	NS	2,000	NS	NS	NS	NS	NS	2,000	2,000
5111	Eshamy River - Weir		NS	NS	NS	NS	NS	NS	0	0									
Eshamy		225-30	0	0	0	0	50	0	0	0	0	3,400	0	0	0	0	0	3,450	3,450
Eshamy District TOTAL			0	0	0	0	50	0	0	0	0	3,400	0	0	0	0	0	3,450	3,450

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Southwestern District (Continued)		Week Ending Date															Adjusted		
Stream																	Stream		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
655	Johnson Creek		NS	NS	0	0	0	1,200	1,200	800	NS	5,000	1,800	1,800	NS	NS	NS	11,800	6,600
656	Halverson Creek		NS	NS	0	0	0	125	500	450	NS	1,000	250	3,600	NS	NS	NS	5,925	2,730
665	Bjorne Creek		NS	NS	0	0	0	0	0	0	NS	200	80	0	NS	NS	NS	280	230
666	O'Brien Creek		NS	NS	0	0	0	50	50	80	NS	1,000	400	350	NS	NS	NS	1,930	1,020
670	Montgomery Creek		NS	NS	0	0	0	0	50	120	NS	1,200	60	300	NS	NS	NS	1,730	990
672	Latouche Island - S. Side		NS	NS	0	0	0	0	50	50	NS	1,500	20	250	NS	NS	NS	1,870	1,090
673	Falls Creek		NS	NS	0	0	0	50	1,000	1,200	NS	700	800	100	NS	NS	NS	3,850	1,950
676	Horseshoe Creek		NS	NS	0	0	0	0	700	500	NS	900	200	50	NS	NS	NS	2,350	1,640
677	Hayden Creek		NS	NS	0	0	0	200	800	400	NS	500	300	200	NS	NS	NS	2,400	1,260
Bainbridge/Latouche		226-40	0	0	0	0	0	1,625	4,350	3,600	0	12,000	3,910	6,650	0	0	0	32,135	17,510
653	Hogg Creek		NS	NS	0	0	0	40	200	300	NS	1,700	NS	240	NS	NS	NS	2,480	1,800
Port Bainbridge		226-50	0	0	0	0	0	40	200	300	0	1,700	0	240	0	0	0	2,480	1,800
Southwestern District TOTAL			0	0	60	1,200	3,630	14,065	15,750	27,210	0	86,500	37,110	15,830	0	0	0	201,355	112,920

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Montague District (Continued)		Week Ending Date															Adjusted		
Stream																	Stream		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
738	Russell Creek		NS	NS	NS	NS	0	0	50	2,000	3,200	1,000	NS	1,150	NS	NS	NS	7,400	3,420
739	Swamp Creek		NS	NS	NS	NS	0	0	500	10,600	15,200	6,500	NS	2,500	NS	NS	NS	35,300	16,220
740	Kelez Creek		NS	NS	NS	NS	0	0	70	9,700	7,200	2,000	NS	1,050	NS	NS	NS	20,020	8,660
741	Chalmers River		NS	NS	NS	NS	10	300	2,400	7,800	10,200	5,700	NS	3,500	NS	NS	NS	29,910	13,810
744	Wilby Creek		NS	NS	NS	NS	0	0	30	1,600	1,800	450	NS	100	NS	NS	NS	3,980	1,720
745	Wild Creek		NS	NS	NS	NS	10	0	200	2,700	3,500	1,100	NS	900	NS	NS	NS	8,410	3,770
746	Schuman Creek		NS	NS	NS	NS	0	0	0	2,300	2,700	1,200	NS	350	NS	NS	NS	6,550	4,310
747	Cabin Creek		NS	NS	NS	NS	40	1,000	2,000	17,500	10,500	5,000	NS	4,500	NS	NS	NS	40,540	18,140
748	Gilmour Creek		NS	NS	NS	NS	0	0	0	1,700	700	200	NS	50	NS	NS	NS	2,650	2,130
749	Shad Creek		NS	NS	NS	NS	0	0	50	3,200	3,500	500	NS	300	NS	NS	NS	7,550	3,210
752	Stockdale Creek		NS	NS	NS	NS	0	10	0	1,900	2,000	800	NS	400	NS	NS	NS	5,110	2,290
753	Stockdale bay		NS	NS	NS	NS	0	0	0	700	800	150	NS	50	NS	NS	NS	1,700	1,140
754	Dry Creek		NS	NS	NS	NS	0	0		600	600	0	NS	0	NS	NS	NS	1,200	840
758	Rocky bay - Head		NS	NS	NS	NS	0	0	0	2,000	1,100	150	NS	100	NS	NS	NS	3,350	2,590
759	Rocky Creek		NS	NS	NS	NS	10	0		2,700	3,700	900	NS	20	NS	NS	NS	7,330	3,660
766	Carr Creek		NS	NS	NS	NS	0	0		1,500	0	0	NS	NS	NS	NS	NS	1,500	1,500
770	Udall Creek		NS	NS	NS	NS	0	10	30	2,300	2,700	900	NS	600	NS	NS	NS	6,540	2,920
771	McKernan Creek		NS	NS	NS	NS	0	0	30	700	700	260	NS	120	NS	NS	NS	1,810	820
774	Rosswog Creek		NS	NS	NS	NS	0	0	0	0	2,300	700	NS	600	NS	NS	NS	3,600	3,080
775	Pautze Creek		NS	NS	NS	NS	0	0	0	0	1,100	500	NS	250	NS	NS	NS	1,850	1,550
788	Green Creek		NS	NS	NS	NS	NS			0	NS	NS	NS	NS	NS	NS	NS	0	0
N. Montague 227-20			0	0	0	0	70	1,320	5,360	71,500	73,500	28,010	0	16,540	0	0	0	196,300	95,780
Montague District TOTAL			0	0	0	0	80	2,020	7,220	108,550	116,750	46,540	0	23,460	0	0	0	304,620	149,260

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Southeastern District Stream		Week Ending Date															Adjusted Stream Total		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Adjusted Stream Total
863	Orca Creek		NS	0	0	0	0	60	30	1,100	1,400	1,700	NS	200	NS	NS	NS	4,490	2,210
S. Hawkins		228-10	0	0	0	0	0	60	30	1,100	1,400	1,700	0	200	0	0	0	4,490	2,210
833	Bates Creek		NS	0	0	0	0	0		700	1,000	400	NS	150	NS	NS	NS	2,250	1,430
834	Hardy Creek		NS	0	0	20	500	2,600	4,500	15,600	37,000	21,000	NS	4,000	NS	NS	NS	85,220	39,100
835	Scott Creek		NS	0	60	200	650	3,000	5,000	18,700	28,000	10,000	NS	2,500	NS	NS	NS	68,110	29,780
836	Dan's Creek		NS	0	0	0	40	770	1,200	7,000	15,000	3,000	NS	1,600	NS	NS	NS	28,610	12,390
837	Widgeon Creek		NS	0	0	0	0	0		1,000	3,900	700	NS	200	NS	NS	NS	5,800	3,100
839	Goose Creek		NS	0	0	0	0	170	700	5,500	3,800	100	NS	650	NS	NS	NS	10,920	4,620
Cutoff		228-20	0	0	60	220	1,190	6,540	11,400	48,500	88,700	35,200	0	9,100	0	0	0	200,910	90,420
844	Makarka Creek		NS	0	0	0	140	1,100	2,920#	11,500	12,000	9,700	NS	2,500	NS	NS	NS	39,860	18,470
847	Hawkins Creek		NS	0	0	0	50	450	400	6,000	8,500	5,100	NS	3,500	NS	NS	NS	24,000	11,350
849	Rollins Creek		NS	0	0	0	0	10	50	1,800	1,800	800	NS	750	NS	NS	NS	5,210	2,400
850	Canoe Creek		NS	0	0	0	20	700	3,070#	6,400	3,300	1,600	NS	1,000	NS	NS	NS	16,090	6,970
851	Zillesenoff Creek		NS	0	0	0	0	50	0	2,500	2,300	800	NS	600	NS	NS	NS	6,250	2,810
856	W. Lagoon Creek		NS	0	0	0	20	0		1,400	700	500	NS	300	NS	NS	NS	2,920	1,620
857	E. Lagoon Creek		NS	0	0	0	0	100	50	2,500	800	400	NS	400	NS	NS	NS	4,250	1,920
858	N. Lagoon Creek		NS	0	0	0	NS	300	500	200	1,000	2,200	NS	400	NS	NS	NS	4,600	2,540
861	Bernard Creek		NS	0	0	0	300	1,700	5,120#	8,500	11,000	4,000	NS	3,200	NS	NS	NS	33,820	15,150
862	Clamdiggers Creek		NS	0	0	0	0	0	0	1,000	500	600	NS	100	NS	NS	NS	2,200	1,620
N. Hawkins		228-30	0	0	0	0	530	4,410	12,110	41,800	41,900	25,700	0	12,750	0	0	0	139,200	64,850

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Southeastern District (Continued)		Week Ending Date															Adjusted Stream Total		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
827	Captain Creek		NS	NS	0	50	150	500	320	5,200	4,000	3,500	NS	960	NS	NS	NS	14,680	6,790
828	Cook Creek		NS	NS	0	700	200	1,000	2,130#	8,000	13,000	6,300	NS	7,700	NS	NS	NS	39,030	18,830
829	King Creek		NS	NS	0	0	0	50	30	1,000	1,300	600	NS	400	NS	NS	NS	3,380	1,580
831	Double Creek		NS	NS	0	10	600	2,800	3,400	8,800	10,000	5,600	NS	2,000	NS	NS	NS	33,210	14,810
Double Bay		228-40	0	0	0	760	950	4,350	5,880	23,000	28,300	16,000	0	11,060	0	0	0	90,300	42,010
817	Deer Creek		NS	NS	0	0	80	600	750	5,600	5,000	3,240	NS	2,100	NS	NS	NS	17,370	8,060
818	Juania Creek		NS	NS	0	0	20	250	500	4,500	8,000	3,870	NS	1,400	NS	NS	NS	18,540	8,480
821	Brown Bear Creek		NS	NS	60	100	300	1,050	700	1,300	3,500	2,220	NS	1,500	NS	NS	NS	10,730	5,070
Johnstone		228-50	0	0	60	100	400	1,900	1,950	11,400	16,500	9,330	0	5,000	0	0	0	46,640	21,610
805	Port Etches - South Shore		NS	NS	0	0	0	0	0	200	500	600	NS	250	NS	NS	NS	1,550	910
806	Dog Salmon Creek		NS	NS	0	0	0	0	0	1,000	1,700	420	NS	450	NS	NS	NS	3,570	2,200
807	Beaver Creek		NS	NS	0	0	0	0	0	400	300	200	NS	200	NS	NS	NS	1,100	760
810	Garden Creek		NS	0	0	0	0	350	1,180#	3,000	7,200	1,000	NS	2,640	NS	NS	NS	15,370	7,090
811	Etches Creek		NS	0	0	0	0	0	0	200	1,000	10	NS	100	NS	NS	NS	1,310	670
812	Nuchek Creek		NS	0	40	20	3,200	3,700	9,500	34,000	45,000	18,100	NS	5,250	NS	NS	NS	118,810	52,220
815	Constantine Creek		NS	NS	30	380	1,000	3,750	5,500	14,000	43,000	18,400	NS	12,600	NS	NS	NS	98,660	45,680
Etches		228-60	0	0	70	400	4,200	7,800	16,180	52,800	98,700	38,730	0	21,490	0	0	0	240,370	109,530
Southeastern District TOTAL			0	0	190	1,480	7,270	25,060	47,550	178,600	275,500	126,660	0	59,600	0	0	0	721,910	330,630
TOTAL OF 8 PWS DISTRICTS			400	1,010	6,090	29,189	69,120	161,935	239,945	513,900	690,430	813,890	378,310	225,570	0	0	0	3,129,789	1,466,240

Code: # = Ground survey NS = No Survey

Appendix F.4. Weekly aerial estimates of the escapement of chum salmon in Prince William Sound by district, statistical area, and stream, 1987. Counts are of live fish in streams.

Eastern District Stream		Week Ending Date														Adjusted Stream Total			
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
2	Hartney Creek		NS	NS	NS	0	NS	200	200	200	2,500	1,280	NS	NS	NS	NS	NS	4,380	1,870
5	Eccles Creek		NS	NS	NS	NS	NS		NS	200	0	400	NS	NS	NS	NS	NS	600	360
8	Fleming Creek		NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	0	0
11	Humpy Creek		0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
Orca Inlet	221-10		0	0	0	0	0	200	200	400	2,500	1,680	0	0	0	0	0	4,980	2,230
20	Spring Creek		0	0	0	0	0	0	0	0	0	0	50	200	NS	NS	NS	250	130
21	Rogue Creek		0	0	0	0	0	0	0	200	0	0	0	100	NS	NS	NS	300	240
23	Chase Creek		0	0	0	800	2,100	5,000	3,200	6,000	2,500	4,000	3,000	400	NS	NS	NS	27,000	11,280
35	Koppen Creek		0	0	500	600	800	4,000	4,000	4,500	3,000	5,000	8,000	1,560	NS	NS	NS	31,960	13,080
36	Sheep River		0	10	200	200	400	500	3,500	3,500	5,000	4,000	13,000	2,600	NS	NS	NS	32,910	13,170
37	Allen Creek		0	0	0	0	0	0	0	200	0	0	0	0	NS	NS	NS	200	200
Simpson/Sheep	221-20		0	10	700	1,600	3,300	9,500	10,700	14,400	10,500	13,000	24,050	4,860	0	0	0	92,620	38,100
41	Pass Creek		0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
46	Comfort Creek		0	0	25	0	300	0	0	0	0	0	0	0	NS	NS	NS	325	140
48	Beartrap River		200	1,200	3,900	6,000	7,500	7,000	8,500	10,000	8,000	6,000	4,000	5,400	NS	NS	NS	67,700	27,200
49	Cataract Creek		0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
51	Olsen Creek		200	900	1,900	3,800	8,000	7,000	9,000	6,000	3,000	4,000	8,000	1,920	NS	NS	NS	53,720	21,610
52	Control Creek		0	0	250	200	0	1,000	0	0	0	0	0	0	NS	NS	NS	1,450	730
54	Carlson Creek		0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0	
56	St. Matthews Creek		0	0	0	0	0	0	600	200	0	0	0	200	NS	NS	NS	1,000	760
Gravina	221-30		400	2,100	6,075	10,000	15,800	15,000	18,100	16,200	11,000	10,000	12,000	7,520	0	0	0	124,195	50,440

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Eastern District (continued)		Week Ending Date															Adjusted Stream	
Stream																	Total	
No.	Name	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
76	Irish Creek	0	0	0	0	NS	0	0	0	0	0	0	0	NS	NS	NS	0	0
80	Whalen Creek	0	0	0	0	0	0	0	0	0	0	0	230	NS	NS	NS	230	230
83	Keta Creek	0	0	0	50	100	200	400	700	1,800	600	1,500	1,080	NS	NS	NS	6,430	2,600
87	Sunny River	0	0	0	100	400	1,400	2,700	600	4,000	7,500	13,000	2,400	NS	NS	NS	32,100	12,900
88	Short Creek	0	0	0	0	0	0	0	0	1,000	0	0	0	NS	NS	NS	1,000	1,000
89	Fish Creek	0	0	0	500	1,000	2,500	2,500	5,000	2,000	4,000	6,000	650	NS	NS	NS	24,150	9,960
92	Shale Creek	0	0	0	0	0	0	0	200	0	0	0	0	NS	NS	NS	200	200
93	Kirkwood Creek	0	0	0	0	200	800	0	0	300	0	0	0	NS	NS	NS	1,300	640
94	Rock Creek	0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
99	Lagoon Creek	0	0	0	0	100	800	300	1,200	300	800	1,000	720	NS	NS	NS	5,220	2,150
Fidalgo 221-40		0	0	0	650	1,800	5,700	5,900	7,700	9,400	12,900	21,500	5,080	0	0	0	70,630	29,680
114	Turner Creek	0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
115	Millard Creek	0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
116	Duck River	0	0	0	0	0	0	0	0	0	0	0	3,000	NS	NS	NS	3,000	3,000
117	Indian Creek	0	300	300	1,200	2,000	3,000	2,000	500	1,000	1,000	1,000	500	NS	NS	NS	12,800	5,300
120	Donaldson Creek	0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
121	Levshakoff Creek	0	0	0	100	200	600	200	400	300	0	200	200	NS	NS	NS	2,200	940
122	No Name Creek	0	0	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
123	Gregorieff Creek	0	0	700	800	1,700	1,600	1,200	800	2,000	200	200	220	NS	NS	NS	9,420	4,190
127	Naomoff River	0	0	NS	800	3,100	3,100	2,500	3,300	3,500	4,000	1,500	1,350	NS	NS	NS	23,150	9,740
129	Vlasoff Creek	0	0	0	200	2,400	3,200	800	1,700	2,000	2,000	5,000	1,200	NS	NS	NS	18,500	7,520
152	Twin Falls Creek	0	0	0	0	1,300	200	3,000	500	2,000	500	4,000	900	NS	NS	NS	12,400	5,740
153	Stellar Creek	0	0	400	1,200	900	4,500	1,600	3,000	2,000	1,500	500	250	NS	NS	NS	15,850	6,580
Valdez Arm 221-50		0	300	1,400	4,300	11,600	16,200	11,300	10,200	12,800	9,200	12,400	7,620	0	0	0	97,320	43,010

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Northern District		Week Ending Date															Adjusted Stream	
Stream	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
131	Gorge Creek - Port Valdez	0	0	0	0	0	200	400	100	200	0	0	0	NS	NS	NS	900	480
133	Sawmill Creek	0	0	0	400	800	1,000	2,100	1,000	600	0	100	0	NS	NS	NS	6,000	2,640
137	Low River	NS	0	NS	NS	NS	NS	NS	0	NS	NS	NS	0	NS	NS	NS	0	0
143	Siwash Creek	0	0	0	0	0	100	0	0	0	0	0	1,500	NS	NS	NS	1,600	700
145	Crooked Creek	NS	NS	NS	0	NS	100	NS	NS	2,500	800	1,700	NS	NS	NS	NS	5,100	3,200
148	Mineral Flats	0	0	0	0	300	1,500	2,000	4,500	5,000	7,700	7,800	3,600	NS	NS	NS	32,400	13,140
Port Valdez 221-60		0	0	0	400	1,100	2,900	4,500	5,600	8,300	8,500	9,600	5,100	0	0	0	46,000	20,160
Eastern District Total		400	2,410	8,175	16,950	33,600	49,500	50,700	54,500	54,500	55,280	79,550	30,180	0	0	0	435,745	183,620

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Northern District Stream		Week Ending Date															Adjusted Stream Total		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
204	Heather Bay					0	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	0	0
208	Granite Cove		NS	NS	NS	0	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	0	0
213	Bench Mark Creek		0	0	0	0	0	0	200	2,000	0	0	0	0	NS	NS	NS	2,200	1,000
214	Long Creek		0	0	0	300	1,800	2,500	900	500	2,000	500	400	NS	NS	NS	NS	8,900	3,740
216	Vanishing Creek		0	0	0	0	900	500	700	250	100	0	110	0	NS	NS	NS	2,560	1,560
217	Spring Creek		0	0	0	0	0	0	0	100	0	800	150	NS	NS	NS	NS	1,050	480
218	Billy's Creek		0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	NS	0	0
221	Eickelberg Creek		0	0	0	0	0	150	0	0	0	0	0	0	NS	NS	NS	150	150
Columbia/Long 222-10			0	0	0	300	2,700	3,150	1,800	2,750	2,200	500	1,310	150	0	0	0	14,860	6,930
224	Backyard Creek		0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
227	Granite Creek		0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
229	Cedar Creek		0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
232	Delta Creek		0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
233	Surplus Creek		0	0	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
234	Wells River		0	250	700	2,500	5,800	3,500	200	4,000	3,000	0	1,000	250	NS	NS	NS	21,200	8,630
257	Complex Creek		NS	NS	0	0	0	0	0	10	0	0	0	0	NS	NS	NS	10	10
258	Williams Creek		NS	NS	0	0	0	2,000	0	0	0	4,000	0	0	NS	NS	NS	6,000	3,600
259	Jonah Creek		NS	0	0	0	0	0	8,000	3,300	2,600	NS	2,400	1,000	NS	NS	NS	17,300	12,720
263	Waterfall Creek		NS	NS	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
264	Siwash River		NS	0	0	0	0	0	0	150	1,250	1,300	600	NS	NS	NS	NS	3,300	1,410
265	Unakwik Creek		NS	NS	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
Wells/Unakwik 222-20			0	250	700	2,500	5,800	5,500	8,200	7,310	5,750	5,250	4,700	1,850	0	0	0	47,810	26,370

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Northern District		Week Ending Date															Adjusted Stream		
No.	Stream Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
273	Schoppe Creek		NS	NS	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
276	Black Bear Creek		NS	0	0	0	0	300	0	250	300	600	200	200	NS	NS	NS	1,850	920
277	Dead Creek		NS	NS	0	0	0	0	0	0	0	0	0	200	NS	NS	NS	200	200
278	Comeback Creek		NS	NS	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
279	Canyon Creek		NS	NS	0	0	0	0	0	300	650	600	0	0	NS	NS	NS	1,550	800
282	Good Creek		NS	0	0	0	0	0	400	400	750	550	600	800	NS	NS	NS	3,500	1,640
283	Bad Creek		NS	0	0	0	0	1,000	0	1,050	400	300	240	100	NS	NS	NS	3,090	1,840
	Eaglek	222-30	0	0	0	0	0	1,300	400	2,000	2,100	2,050	1,040	1,300	0	0	0	10,190	5,400
242	Cowpen Creek		NS	NS	NS	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	0
	Unakwik District	222-50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern District TOTAL			0	250	700	2,800	8,500	9,950	10,400	12,060	10,050	7,800	7,050	3,300	0	0	0	72,860	38,700

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Coghill District Stream		Week Ending Date														Total	Adjusted Stream Total		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Adjusted Stream Total
414	Harrison Creek		NS	NS	0	0	0	0	NS	0	0	0	0	0	NS	NS	NS	0	0
417	Hobo Creek		NS	NS	10	0	0	0	NS	0	0	0	0	0	NS	NS	NS	10	10
421	Mill Creek		NS	0	0	0	20	250	NS	300	900	2,900	1,200	900	NS	NS	NS	6,470	2,710
424	Old Creek		NS	NS	0	0	0	0	0	100	200	250	200	0	NS	NS	NS	750	360
425	Hummer Creek		NS	NS	0	0	0	0	150	0	250	100	750	0	NS	NS	NS	1,250	590
428	Pirate Creek		NS	NS	0	0	0	0	0	0	0	0	0	600	NS	NS	NS	600	600
430	Meacham Creek		NS	0	0	0	0	0	300	500	1,000	1,000	0	0	NS	NS	NS	2,800	1,300
432	Swanson Creek		NS	0	0	0	0	2,500	3,000	5,000	6,500	7,800	4,000	2,300	NS	NS	NS	31,100	13,940
W. Port Wells 223-10			0	0	10	0	20	2,750	3,450	5,800	8,750	12,000	6,200	4,000	0	0	0	42,980	19,510
303	Triple Creek		NS	NS	0	0	0	0	NS	0	0	0	0	0	NS	NS	NS	0	0
307	Village Creek		NS	NS	0	0	0	0	NS	0	0	0	0	0	NS	NS	NS	0	0
Esther Passage 223-20			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
310	Golden Lagoon		NS	NS	0	0	0	0	NS	0	0	0	0	0	NS	NS	NS	0	0
314	Avery River		NS	NS	0	0	0	0	NS	0	0	0	0	0	NS	NS	NS	0	0
322	Coghill River - Below Weir		NS	NS	NS	0	0	0	NS	NS	NS	5,000	NS	NS	NS	NS	NS	5,000	5,000
3221	Coghill River - Lake Count		NS	NS	NS	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	0
E. Port Wells 223-30			0	0	0	0	0	0	0	0	0	5,000	0	0	0	0	0	5,000	5,000
Coghill District TOTAL			0	0	10	0	20	2,750	3,450	5,800	8,750	17,000	6,200	4,000	0	0	0	47,980	24,510

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Northwestern District		Week Ending Date															Adjusted Stream		
Stream																	Total	Total	
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
435	Logging Camp Creek		NS	0	0	0	0	0	0	0	0	300	0	0	NS	NS	NS	300	300
450	Tebenkoff Creek		NS	0	0	10	100	1,000	2,200	2,000	1,200	950	250	150	NS	NS	NS	7,860	3,150
451	Blackstone Creek		NS	NS	0	0	0	0	200	NS	100	50	0	0	NS	NS	NS	350	380
454	Halferty Creek		NS	0	0	2,000	1,300	4,000	4,000	4,500	2,000	2,400	2,000	1,200	NS	NS	NS	23,400	10,560
455	Paulson Creek		NS	NS	0	500	750	3,000	500	1,800	800	700	200	250	NS	NS	NS	8,500	3,700
458	Parks Creek		NS	NS	0	0	100	1,900	1,500	1,000	800	900	500	0	NS	NS	NS	6,700	2,740
461	Cochrane Creek		NS	NS	0	0	0	50	500	0	0	0	0	0	NS	NS	NS	550	250
469	Wickett Creek		NS	NS	NS	NS	0	0	0	NS	150	50	50	NS	NS	NS	NS	250	190
Passage/Cochrane 224-10			0	0	0	2,510	2,250	9,950	8,900	9,300	5,050	5,350	3,000	1,600	0	0	0	47,910	21,270
471	Narrows Creek		NS	NS	NS	0	0	0	0	NS	0	0	0	NS	NS	NS	NS	0	0
476	Shrode Creek		NS	NS	0	0	0	0	0	0	0	0	0	0	NS	NS	NS	0	0
479	Culross Creek		NS	NS	0	0	0	0	0	0	200	0	150	100	NS	NS	NS	450	300
Culross Pass 224-30			0	0	0	0	0	0	0	0	200	0	150	100	0	0	0	450	300
480	Mink Creek		NS	NS	0	0	0	NS	0	1,500	1,000	600	500	200	NS	NS	NS	3,800	2,420
484	E. Finger Creek		NS	NS	0	0	0	NS	0	0	200	200	0	0	NS	NS	NS	400	280
485	W. Finger Creek		NS	NS	0	0	0	NS	800	0	500	350	0	0	NS	NS	NS	1,650	1,140
493	Most Creek		NS	NS	NS	0	0	NS	0	0	0	0	0	NS	NS	NS	NS	0	0
495	Chimevisky Lagoon		NS	NS	0	0	0	NS	150	150	1,300	60	550	200	NS	NS	NS	2,410	1,050
498	McClure Creek		NS	NS	0	0	0	NS	0	0	0	0	0	0	NS	NS	NS	0	0
Nellie Juan 224-40			0	0	0	0	0	0	950	1,650	3,000	1,210	1,050	400	0	0	0	8,260	4,890
Northwestern District TOTAL			0	0	0	2,510	2,250	9,950	9,850	10,950	8,250	6,560	4,200	2,100	0	0	0	56,620	26,460

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Eshamy District Stream		Week Ending Date															Adjusted Stream	
No.	Name Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
506	Loomis Creek	NS	NS	NS	NS	0	NS	0	0									
508	North Shore - Eshamy Lagoon	NS	NS	0	NS	0	NS	NS	NS	NS	0	NS	NS	NS	NS	NS	0	0
510	Elishansky Creek	NS	NS	NS	NS	0	NS	NS	NS	NS	0	NS	NS	NS	NS	NS	0	0
Eshamy 225-30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eshamy District TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Southwestern District		Week Ending Date														Adjusted Stream		
Stream	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
No.	Name																	
601	Paddy Creek	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
603	Ewan Creek	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
604	Erb Creek	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
608	Jackpot River	NS	NS	0	0	0	0	NS	0	NS	0	0	0	NS	NS	NS	0	0
610	Kompkoff River	NS	NS	0	0	0	0	NS	0	NS	0	0	0	NS	NS	NS	0	0
611	Jackpot Bay - West Arm	NS	NS	0	0	0	0	NS	0	NS	0	0	0	NS	NS	NS	0	0
612	Jackpot Bay - West Arm	NS	NS	0	0	0	0	NS	0	NS	0	0	0	NS	NS	NS	0	0
613	Jackson Creek	NS	NS	0	0	0	0	NS	0	NS	0	0	0	NS	NS	NS	0	0
621	Totemoff Creek	NS	NS	0	0	0	0	NS	0	NS	0	0	0	NS	NS	NS	0	0
623	Brizgaloff Creek	NS	NS	0	0	0	0	NS	0	NS	0	0	0	NS	NS	NS	0	0
630	Bainbridge Creek	NS	NS	0	0	0	0	0	1,000	NS	0	90	0	NS	NS	NS	1,090	1,540
632	Claw Creek	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
633	Pablo Creek	NS	NS	0	0	0	0	0	0	NS	100	0	0	NS	NS	NS	100	100
634	Whale Bay - B. Head - S. Arm	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
636	Whale Creek	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
Chenega	226-20	0	0	0	0	0	0	0	1,000	0	100	90	0	0	0	0	1,190	1,640
655	Johnson Creek	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
656	Halverson Creek	NS	NS	0	0	0	0	0	0	NS	50	0	0	NS	NS	NS	50	50
666	O'Brien Creek	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
670	Montgomery Creek	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
676	Horseshoe Creek	NS	NS	0	0	0	0	0	0	NS	0	0	0	NS	NS	NS	0	0
Bainbridge/Latouche	226-40	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	50	50
Southwestern District TOTAL		0	0	0	0	0	0	0	1,000	0	150	90	0	0	0	0	1,240	1,690

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Montague District Stream		Week Ending Date														Adjusted Stream Total			
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Total
702	Point Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
707	MacLeod Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
710	Hanning Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
711	Quadra Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
717	Montague Island - West Shore		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
726	Montague Creek		NS	NS	NS	NS	0	0			NS	0	NS	NS	NS	NS	NS	0	0
S. Montague 227-10			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
738	Russell Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
739	Swamp Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
740	Kelez Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
741	Chalmers River		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
744	Wilby Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
745	Wild Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
746	Schuman Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
747	Cabin Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
748	Gilmour Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
749	Shad Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
752	Stockdale Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
770	Udall Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
774	Rosswog Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
775	Pautze Creek		NS	NS	NS	NS	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
N. Montague 227-20			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Montague District TOTAL			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Southeastern District Stream		Week Ending Date														Adjusted Stream Total			
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Adjusted Stream Total
833	Bates Creek		NS	0	0	0	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
834	Hardy Creek		NS	0	0	0	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
835	Scott Creek		NS	0	0	0	0	0	500	400	0	0	NS	0	NS	NS	NS	900	660
836	Dan's Creek		NS	0	0	0	0	0	300	0	0	0	NS	0	NS	NS	NS	300	300
837	Widgeon Creek		NS	0	0	0	0	0	0	150	0	0	NS	0	NS	NS	NS	150	150
839	Goose Creek		NS	0	0	0	0	0	50	0	0	0	NS	0	NS	NS	NS	50	50
Cutoff 228-20			0	0	0	0	0	0	850	550	0	0	0	0	0	0	0	1,400	1,160
844	Makarka Creek		NS	0	0	0	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
847	Hawkins Creek		NS	0	0	0	0	0	0	300	0	0	NS	0	NS	NS	NS	300	300
849	Rollins Creek		NS	0	0	0	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
850	Canoe Creek		NS	0	0	0	0	400	200	0	0	400	NS	700	NS	NS	NS	1,700	1,220
851	Zillesenoff Creek		NS	0	0	0	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
861	Bernard Creek		NS	0	0	0	0	0	500	0	0	1,000	NS	800	NS	NS	NS	2,300	1,780
N. Hawkins 228-30			0	0	0	0	0	400	700	300	0	1,400	0	1,500	0	0	0	4,300	3,300
827	Captain Creek		NS	NS	0	0	0	0	0	0	500	0	NS	240	NS	NS	NS	740	640
828	Cook Creek		NS	NS	0	0	200	1,400	0	500	2,500	4,200	NS	3,300	NS	NS	NS	12,100	6,460
829	King Creek		NS	NS	0	0	0	0	0	0	0	0	NS	100	NS	NS	NS	100	100
831	Double Creek		NS	NS	0	0	0	0	0	300	400	2,400	NS	0	NS	NS	NS	3,100	1,420
Double Bay 228-40			0	0	0	0	200	1,400	0	800	3,400	6,600	0	3,640	0	0	0	16,040	8,620
817	Deer Creek		NS	NS	0	0	0	0	0	300	0	360	NS	900	NS	NS	NS	1,560	1,060
818	Juania Creek		NS	NS	0	0	0	0	0	0	0	430	NS	600	NS	NS	NS	1,030	1,000
821	Brown Bear Creek		NS	NS	0	100	500	1,560	2,000	1,200	0	1,480	NS	1,000	NS	NS	NS	7,840	3,690
Johnstone 228-50			0	0	0	100	500	1,560	2,000	1,500	0	2,270	0	2,500	0	0	0	10,430	5,750

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Appendix F.4. (p.12 of 12)

Southeastern District Stream		Week Ending Date														Total	Adjusted Stream Total		
No.	Name	Statistical Area	6/20	6/27	7/04	7/11	7/18	7/25	8/01	8/08	8/15	8/22	8/29	9/05	9/12	9/19	9/26	Total	Adjusted Stream Total
806	Dog Salmon Creek		NS	NS	0	0	0	0	0	0	0	280	NS	0	NS	NS	NS	280	280
807	Beaver Creek		NS	NS	0	0	0	0	0	0	0	0	NS	0	NS	NS	NS	0	0
810	Garden Creek		NS	0	0	0	0	0	0	400	300	1,000	NS	660	NS	NS	NS	2,360	1,520
811	Etches Creek		NS	0	0	0	0	0	0	50	0	0	NS	0	NS	NS	NS	50	50
812	Nuhek Creek		NS	0	0	0	0	500	1,000	0	1,900	NS	2,250	NS	NS	NS	NS	5,650	3,390
815	Constantine Creek		NS	NS	0	60	700	5,530	5,000	10,000	9,000	4,600	NS	8,400	NS	NS	NS	43,290	19,950
	Etches	228-60	0	0	0	60	700	5,530	5,500	11,450	9,300	7,780	0	11,310	0	0	0	51,630	25,190
Southeastern District TOTAL			0	0	0	160	1,400	8,890	9,050	14,600	12,700	18,050	0	18,950	0	0	0	83,800	44,020
TOTAL OF 8 PWS DISTRICTS			400	2,660	8,885	22,420	45,770	81,040	83,450	98,910	94,250	104,840	97,090	58,530	0	0	0	698,245	319,000

CODE: NS = No Survey

Appendix F.5. Temporally stratified age and sex composition of the sockeye salmon escapement through the weir on the outlet stream of Coghill Lake, 1987.

		Brood Year and Age Group						
		1984	1983	1982		1981		Total
		1.1	1.2	1.3	2.2	1.4	2.3	
Stratum Dates: 6/10 - 7/04								
Sample Dates: 6/27 - 6/29								
Sample Size: 600								
Female	Percent of Sample	0.0	1.7	33.5	0.3	0.0	1.5	37.0
	Number in Escapement	0	132	2,606	23	0	117	2,878
Male	Percent of Sample	0.2	3.1	55.2	0.8	0.2	3.5	63.0
	Number in Escapement	16	241	4,293	62	16	272	4,900
Total	Percent of Sample	0.2	4.8	88.7	1.1	0.2	5.0	100.0
	Number in Escapement	16	373	6,899	85	16	389	7,778
	Standard Error	14	68	101	33	14	69	
Stratum Dates: 7/05 - 7/16								
Sample Dates: 7/10 - 7/14								
Sample Size: 591								
Female	Percent of Sample	0.0	1.0	49.1	0.8	0.2	4.2	55.3
	Number in Escapement	0	1,547	75,948	1,237	309	6,497	85,538
Male	Percent of Sample	0.3	0.5	40.6	0.4	0.0	2.9	44.7
	Number in Escapement	464	773	62,801	619	0	4,486	69,143
Total	Percent of Sample	0.3	1.5	89.7	1.2	0.2	7.1	100.0
	Number in Escapement	464	2,320	138,749	1,856	309	10,983	154,681
	Standard Error	348	774	1,936	693	285	1,635	
Stratum Dates: 7/17 - 7/23								
Sample Dates: 7/18 - 7/20								
Sample Size: 590								
Female	Percent of Sample	0.0	0.3	31.2	0.2	0.0	1.7	33.4
	Number in Escapement	0	75	7,754	50	0	423	8,302
Male	Percent of Sample	0.0	0.5	62.9	0.2	0.0	3.0	66.6
	Number in Escapement	0	124	15,632	50	0	746	16,552
Total	Percent of Sample	0.0	0.8	94.1	0.4	0.0	4.7	100.0
	Number in Escapement	0	199	23,386	100	0	1,169	24,854
	Standard Error	0	91	241	65	0	217	

-continued-

Appendix Table F.5. (p. 2 of 2)

		Brood Year and Age Group						
		1984	1983	1982		1981		Total
		1.1	1.2	1.3	2.2	1.4	2.3	
Strata Combined: 6/10 - 7/23								
Sample Dates: 6/27 - 7/20								
Sample Size: 1,781								
Female	Percent of Sample	0.0	0.9	46.1	0.7	0.2	3.8	51.6
	Number in Escapement	0	1,754	86,308	1,310	309	7,037	96,718
Male	Percent of Sample	0.3	0.6	44.2	0.4	0.0	2.9	48.4
	Number in Escapement	480	1,138	82,726	731	16	5,504	90,595
Total	Percent of Sample	0.3	1.5	90.2	1.1	0.2	6.7	100.0
	Number in Escapement	480	2,892	169,034	2,041	325	12,541	187,313
	Standard Error	349	782	1,953	697	285	1,651	

APPENDIX G

Mean Lengths by Sex and Age of Salmon
in the Commercial Catches and Escapements
of the Copper/Bering Rivers and Prince William Sound.

Appendix G.1. Mean length by sex and age of sockeye salmon from the commercial drift gill net catches in the Copper River and Bering River districts, 1987.

		Brood Year and Age Group									
		1984		1983			1982			1981	
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Copper River - Sample Date(s): 5/14 =====											
Females	Mean Length	0	578.5	0	0	0	570.2	0	573	545.4	
	Std. Error	0	12.88	0	0	0	4.06	0	0	9.22	
	Range	0- 0	534- 630	0- 0	0- 0	0- 0	506- 688	0- 0	573- 573	482- 599	
	Sample Size	0	8	0	0	0	64	0	1	15	
Males	Mean Length	0	592.4	431	0	0	590	0	0	597.8	
	Std. Error	0	11.87	0	0	0	3.19	0	0	7.21	
	Range	0- 0	538- 646	431- 431	0- 0	0- 0	511- 642	0- 0	0- 0	543- 650	
	Sample Size	0	7	1	0	0	76	0	0	16	
All Fish	Mean Length	0	585	431	0	0	581	0	573	573	
	Std. Error	0	8.71	0	0	0	3	0	0	7	
	Range	0- 0	534- 646	431- 431	0- 0	0- 0	506- 688	0- 0	573- 573	482- 650	
	Sample Size	0	15	1	0	0	140	0	1	31	
Copper River - Sample Date(s): 5/19 =====											
Females	Mean Length	0	554.3	442	0	638	561.8	0	0	543.6	
	Std. Error	0	4.72	0	0	0	2.09	0	0	5.26	
	Range	0- 0	522- 586	442- 442	0- 0	638- 638	478- 628	0- 0	0- 0	494- 578	
	Sample Size	0	17	1	0	1	165	0	0	22	
Males	Mean Length	0	585.6	0	0	0	584.8	0	643	573.3	
	Std. Error	0	4.9	0	0	0	2.74	0	0	7.72	
	Range	0- 0	552- 626	0- 0	0- 0	0- 0	491- 650	0- 0	643- 643	535- 623	
	Sample Size	0	15	0	0	0	124	0	1	11	
All Fish	Mean Length	0	569	442	0	638	572	0	643	554	
	Std. Error	0	4.37	0	0	0	2	0	0	5	
	Range	0- 0	522- 626	442- 442	0- 0	638- 638	478- 650	0- 0	643- 643	494- 623	
	Sample Size	0	32	1	0	1	289	0	1	33	

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Appendix G.1. (page 2 of 5)

		Brood Year and Age Group									
		1984		1983		1982			1981		
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Copper River - Sample Date(s): 5/26											
=====											
Females	Mean Length	0	541.8	480.5	0	0	556.2	0	0	557.5	
	Std. Error	0	8.18	31.5	0	0	2.51	0	0	5.5	
	Range	0- 0	515- 602	449- 512	0- 0	0- 0	445- 612	0- 0	0- 0	518- 584	
	Sample Size	0	11	2	0	0	127	0	0	14	
Males	Mean Length	0	578.5	0	0	0	581.4	0	0	554.1	
	Std. Error	0	8.22	0	0	0	2.99	0	0	10.5	
	Range	0- 0	555- 613	0- 0	0- 0	0- 0	473- 655	0- 0	0- 0	505- 594	
	Sample Size	0	6	0	0	0	90	0	0	11	
All Fish	Mean Length	0	554.8	481	0	0	567	0	0	556	
	Std. Error	0	7.33	32	0	0	2	0	0	5	
	Range	0- 0	515- 613	449- 512	0- 0	0- 0	445- 655	0- 0	0- 0	505- 594	
	Sample Size	0	17	2	0	0	217	0	0	25	
Copper River - Sample Date(s): 6/03											
=====											
Females	Mean Length	0	574.9	486	0	0	579.3	0	0	552.5	
	Std. Error	0	7.76	56	0	0	2.44	0	0	13.4	
	Range	0- 0	532- 605	430- 542	0- 0	0- 0	515- 627	0- 0	0- 0	505- 596	
	Sample Size	0	9	2	0	0	99	0	0	6	
Males	Mean Length	570	582.4	479	0	0	591.4	492.5	0	577.6	
	Std. Error	0	6.32	14.12	0	0	2.85	18.5	0	11.66	
	Range	570- 570	539- 617	442- 503	0- 0	0- 0	502- 664	474- 511	0- 0	514- 603	
	Sample Size	1	12	4	0	0	122	2	0	7	
All Fish	Mean Length	570	579	481	0	0	586	493	0	566	
	Std. Error	0	5	17	0	0	2	19	0	9	
	Range	570- 570	532- 617	430- 542	0- 0	0- 0	502- 664	474- 511	0- 0	505- 603	
	Sample Size	1	21	6	0	0	221	2	0	13	

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Appendix G.1. (page 3 of 5)

		Brood Year and Age Group									
		1984		1983		1982		1981			
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Copper River - Sample Date(s): 6/09											
=====											
Females	Mean Length	0	583.9	513	0	0	581.6	0	0	553.4	
	Std. Error	0	11.8	4.73	0	0	2.65	0	0	13.27	
	Range	0- 0	532- 626	504- 520	0- 0	0- 0	516- 640	0- 0	0- 0	531- 605	
	Sample Size	0	8	3	0	0	87	0	0	5	
Males	Mean Length	469	622	0	0	0	606.5	450	0	571.2	
	Std. Error	0	8.08	0	0	0	3.06	0	0	15.49	
	Range	469- 469	600- 636	0- 0	0- 0	0- 0	530- 659	450- 450	0- 0	531- 633	
	Sample Size	1	4	0	0	0	71	1	0	6	
All Fish	Mean Length	469	597	513	0	0	593	450	0	563	
	Std. Error	0	10	5	0	0	2	0	0	10	
	Range	469- 469	532- 636	504- 520	0- 0	0- 0	516- 659	450- 450	0- 0	531- 633	
	Sample Size	1	12	3	0	0	158	1	0	11	
Copper River - Sample Date(s): 6/16											
=====											
Females	Mean Length	0	568.8	488.2	0	0	572.7	492.3	588	0	
	Std. Error	0	5.8	5.92	0	0	2.49	3.53	0	0	
	Range	0- 0	530- 589	466- 503	0- 0	0- 0	496- 624	487- 499	588- 588	0- 0	
	Sample Size	0	9	6	0	0	98	3	1	0	
Males	Mean Length	0	620.3	494.3	0	0	589.7	0	0	563	
	Std. Error	0	9.78	17.07	0	0	4.24	0	0	0	
	Range	0- 0	596- 642	464- 595	0- 0	0- 0	528- 646	0- 0	0- 0	563- 563	
	Sample Size	0	4	7	0	0	39	0	0	1	
All Fish	Mean Length	0	584.6	492	0	0	578	492	588	563	
	Std. Error	0	8.36	9	0	0	2	4	0	0	
	Range	0- 0	530- 642	464- 595	0- 0	0- 0	496- 646	487- 499	588- 588	563- 563	
	Sample Size	0	13	13	0	0	137	3	1	1	

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		Brood Year and Age Group									
		1984		1983		1982			1981		
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Copper River		Sample Date(s): 7/11									
=====											
Females	Mean Length	0	600.1	519	0	0	594.5	0	0	0	
	Std. Error	0	4.61	4.26	0	0	3.08	0	0	0	
	Range	0- 0	587- 620	466- 564	0- 0	0- 0	521- 650	0- 0	0- 0	0- 0	
	Sample Size	0	7	22	0	0	70	0	0	0	
Males	Mean Length	516	613.5	528.1	0	0	607.7	0	0	0	
	Std. Error	34	18.75	6.31	0	0	4.53	0	0	0	
	Range	482- 550	584- 664	494- 599	0- 0	0- 0	525- 662	0- 0	0- 0	0- 0	
	Sample Size	2	4	18	0	0	47	0	0	0	
All Fish	Mean Length	516	605	523	0	0	600	0	0	0	
	Std. Error	34	7	4	0	0	3	0	0	0	
	Range	482- 550	584- 664	466- 599	0- 0	0- 0	521- 662	0- 0	0- 0	0- 0	
	Sample Size	2	11	40	0	0	117	0	0	0	
Copper River		Sample Date(s): 7/26									
=====											
Females	Mean Length	0	584	516.6	0	0	596.4	519	0	590	
	Std. Error	0	23.01	4.23	0	0	3.19	7	0	0	
	Range	0- 0	538- 608	502- 537	0- 0	0- 0	540- 639	512- 526	0- 0	590- 590	
	Sample Size	0	3	10	0	0	47	2	0	1	
Males	Mean Length	511	588	526.4	553	0	597.7	555	0	0	
	Std. Error	0	0	4.37	0	0	4.1	35	0	0	
	Range	511- 511	588- 588	500- 561	553- 553	0- 0	519- 660	520- 590	0- 0	0- 0	
	Sample Size	1	1	14	1	0	55	2	0	0	
All Fish	Mean Length	511	585	522	553	0	597	537	0	590	
	Std. Error	0	16	3	0	0	3	18	0	0	
	Range	511- 511	538- 608	500- 561	553- 553	0- 0	519- 660	512- 590	0- 0	590- 590	
	Sample Size	1	4	24	1	0	102	4	0	1	

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		Brood Year and Age Group									
		1984		1983		1982			1981		
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Copper River All Samples Combined											
=====											
Females	Mean Length	0	571.8	508.1	0	638	571.6	492.3	585	548.2	
	Std. Error	0	3.15	4.13	0	0	1.03	3.53	6.24	3.44	
	Range	0- 0	515- 630	430- 564	0- 0	638- 638	445- 688	487- 499	573- 594	482- 605	
	Sample Size	0	84	45	0	1	775	3	3	66	
Males	Mean Length	517.8	593.5	508.4	553	0	591.2	478.3	643	576.7	
	Std. Error	24.87	3.33	6.52	0	0	1.21	17.74	0	4.49	
	Range	469- 570	538- 664	431- 599	553- 553	0- 0	473- 664	450- 511	643- 643	505- 650	
	Sample Size	4	62	34	1	0	641	3	1	54	
All Fish	Mean Length	517.8	581	508	553	638	581	485	600	561	
	Std. Error	24.87	2	4	0	0	1	9	15	3	
	Range	469- 570	515- 664	430- 599	553- 553	638- 638	445- 688	450- 511	573- 643	482- 650	
	Sample Size	4	146	79	1	1	1416	6	4	120	
Bering River Sample Date(s): 6/23											
=====											
Females	Mean Length	0	580.9	484.8	0	0	575.7	0	0	0	
	Std. Error	0	3.26	17.59	0	0	3.83	0	0	0	
	Range	0- 0	519- 631	435- 512	0- 0	0- 0	540- 618	0- 0	0- 0	0- 0	
	Sample Size	0	60	4	0	0	29	0	0	0	
Males	Mean Length	469.3	598.2	481.8	0	0	587.6	0	0	0	
	Std. Error	1.76	3.95	30.41	0	0	4.94	0	0	0	
	Range	466- 472	517- 651	420- 564	0- 0	0- 0	510- 632	0- 0	0- 0	0- 0	
	Sample Size	3	52	4	0	0	29	0	0	0	
All Fish	Mean Length	469.3	589	483	0	0	582	0	0	0	
	Std. Error	1.76	3	16	0	0	3	0	0	0	
	Range	466- 472	517- 651	420- 564	0- 0	0- 0	510- 632	0- 0	0- 0	0- 0	
	Sample Size	3	112	8	0	0	58	0	0	0	

Appendix G.2. Mean length by sex and age of chinook salmon from the commercial drift gill net catch in the Copper River District, 1987.

		Brood Year and Age Group							
		1983		1982		1981		1980	
		1.2	1.3	2.2	1.4	2.3	1.5	2.4	
Sample Date(s): 5/14									
Females	Mean Length	570.5	814.3	0	935.1	0	0	892.2	
	Std. Error	30.5	8.57	0	9.51	0	0	21.89	
	Range	540- 601	687- 902	0- 0	764-1006	0- 0	0- 0	802- 950	
	Sample Size	2	24	0	31	0	0	6	
Males	Mean Length	0	835.1	0	968.6	698	0	1011.5	
	Std. Error	0	16.77	0	5.43	0	0	71.5	
	Range	0- 0	701-1031	0- 0	832-1071	698- 698	0- 0	940-1083	
	Sample Size	0	21	0	76	1	0	2	
All Fish	Mean Length	570.5	824	0	959	698	0	922	
	Std. Error	30.5	9	0	5	0	0	29	
	Range	540- 601	687-1031	0- 0	764-1071	698- 698	0- 0	802-1083	
	Sample Size	2	45	0	107	1	0	8	
Sample Date(s): 5/19									
Females	Mean Length	638	847.2	0	915.4	866.7	954.7	921.5	
	Std. Error	163	9.77	0	9.93	8.11	5.78	39.5	
	Range	475- 801	716- 987	0- 0	710-1021	852- 880	945- 965	882- 961	
	Sample Size	2	33	0	41	3	3	2	
Males	Mean Length	587	864.9	0	992.2	856	0	1030	
	Std. Error	10.82	15.92	0	23.19	0	0	0	
	Range	572- 608	659-1040	0- 0	850-1944	856- 856	0- 0	1030-1030	
	Sample Size	3	24	0	45	1	0	1	
All Fish	Mean Length	607.4	855	0	954	864	955	958	
	Std. Error	53.37	9	0	14	6	6	43	
	Range	475- 801	659-1040	0- 0	710-1944	852- 880	945- 965	882-1030	
	Sample Size	5	57	0	87	4	3	3	

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Appendix G.2. (page 2 of 3)

		Brood Year and Age Group							
		1983		1982		1981		1980	
		1.2	1.3	2.2	1.4	2.3	1.5	2.4	
Sample Date(s): 5/26									
Females	Mean Length	0	829	0	933.3	823	907	0	
	Std. Error	0	8.65	0	8.86	18.03	0	0	
	Range	0- 0	715- 967	0- 0	824-1025	793- 874	907- 907	0- 0	
	Sample Size	0	35	0	33	4	1	0	
Males	Mean Length	629.3	849.5	0	972.6	847.1	1016	0	
	Std. Error	7.27	12.18	0	10.52	70.46	0	0	
	Range	608- 640	688- 964	0- 0	853-1078	575-1023	1016-1016	0- 0	
	Sample Size	4	28	0	35	7	1	0	
All Fish	Mean Length	629.3	838	0	954	838	962	0	
	Std. Error	7.27	7	0	7	44	55	0	
	Range	608- 640	688- 967	0- 0	824-1078	575-1023	907-1016	0- 0	
	Sample Size	4	63	0	68	11	2	0	
Sample Date(s): 6/03									
Females	Mean Length	0	850.2	0	926.8	864	0	0	
	Std. Error	0	7.8	0	8.03	56	0	0	
	Range	0- 0	699- 943	0- 0	832-1020	808- 920	0- 0	0- 0	
	Sample Size	0	41	0	37	2	0	0	
Males	Mean Length	604.6	815.1	683	977.8	894.1	1103	0	
	Std. Error	5.05	12.77	0	8.3	17.29	0	0	
	Range	585- 613	588- 922	683- 683	833-1071	781- 970	1103-1103	0- 0	
	Sample Size	5	33	1	49	10	1	0	
All Fish	Mean Length	604.6	835	683	956	889	1103	0	
	Std. Error	5.05	7	0	6	16	0	0	
	Range	585- 613	588- 943	683- 683	832-1071	781- 970	1103-1103	0- 0	
	Sample Size	5	74	1	86	12	1	0	

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Appendix G.2. (page 3 of 3)

		Brood Year and Age Group							
		1983		1982		1981		1980	
		1.2	1.3	2.2	1.4	2.3	1.5	2.4	
Sample Date(s): 6/09									
Females	Mean Length	0	872.1	0	943.8	883.5	0	0	
	Std. Error	0	7.51	0	11.49	31.5	0	0	
	Range	0- 0	761-1013	0- 0	823-1039	852- 915	0- 0	0- 0	
	Sample Size	0	46	0	25	2	0	0	
Males	Mean Length	583.8	873.9	0	989.7	844	1002	0	
	Std. Error	23.28	10.24	0	11.71	0	0	0	
	Range	545- 640	638-1012	0- 0	790-1130	844- 844	1002-1002	0- 0	
	Sample Size	4	44	0	32	1	1	0	
All Fish	Mean Length	583.8	873	0	970	870	1002	0	
	Std. Error	23.28	6	0	9	22	0	0	
	Range	545- 640	638-1013	0- 0	790-1130	844- 915	1002-1002	0- 0	
	Sample Size	4	90	0	57	3	1	0	
All Samples Combined:									
Females	Mean Length	604.3	846.3	0	929.4	853.4	942.8	899.5	
	Std. Error	70.45	4.01	0	4.28	13.08	12.6	18.32	
	Range	475- 801	687-1013	0- 0	710-1039	793- 920	907- 965	802- 961	
	Sample Size	4	179	0	167	11	4	8	
Males	Mean Length	602.3	849.5	683	978.4	863.5	1040.3	1017.7	
	Std. Error	7.46	6.04	0	5.49	26.88	31.59	41.74	
	Range	545- 640	588-1040	683- 683	790-1944	575-1023	1002-1103	940-1083	
	Sample Size	16	150	1	237	20	3	3	
All Fish	Mean Length	602.7	848	683	958	860	985	932	
	Std. Error	13.85	4	0	4	18	24	23	
	Range	475- 801	588-1040	683- 683	710-1944	575-1023	907-1103	802-1083	
	Sample Size	20	329	1	405	31	7	11	

Appendix G.3. Mean length by sex and age of coho salmon from the commercial drift gill net catch in the Copper River and Bering River Districts, 1987.

		Brood Year and Age Group		
		1984	1983	1982
		1.1	2.1	3.1
Copper River		Sample Date(s): 8/08		
=====				
Females	Mean Length	622.2	622.7	665.5
	Std. Error	5.29	8.87	16.22
	Range	592- 660	426- 686	612- 718
	Sample Size	16	29	6
Males	Mean Length	593.4	623.4	654.2
	Std. Error	10.07	6.56	15.04
	Range	495- 675	443- 718	610- 695
	Sample Size	26	62	6
All Fish	Mean Length	604.4	623	660
	Std. Error	6.85	5	11
	Range	495- 675	426- 718	610- 718
	Sample Size	42	91	12
Copper River		Sample Date(s): 8/18 - 8/19		
=====				
Females	Mean Length	609.7	659.4	667
	Std. Error	18.7	5.47	11.79
	Range	485- 670	570- 700	651- 690
	Sample Size	10	25	3
Males	Mean Length	612.8	632.8	642.4
	Std. Error	10.74	7.13	13.7
	Range	440- 725	411- 718	583- 690
	Sample Size	36	66	7
All Fish	Mean Length	612.2	640	650
	Std. Error	9.24	6	11
	Range	440- 725	411- 718	583- 690
	Sample Size	46	91	10

-continued-

Appendix G.3. (page 2 of 2)

		Brood Year and Age Group		
		1984	1983	1982
		1.1	2.1	3.1
Copper River		All Samples Combined		
=====				
Females	Mean Length	617.4	639.7	666
	Std. Error	7.76	5.91	11.01
	Range	485- 670	426- 700	612- 718
	Sample Size	26	54	9
Males	Mean Length	604.7	628.3	647.8
	Std. Error	7.57	4.86	9.84
	Range	440- 725	411- 718	583- 695
	Sample Size	62	128	13
All Fish	Mean Length	608.4	632	655
	Std. Error	5.82	4	7
	Range	440- 725	411- 718	583- 718
	Sample Size	88	182	22
<hr/>				
Bering River		Sample Date(s): 8/27		
=====				
Females	Mean Length	623.7	635.3	678
	Std. Error	9.14	7.9	10
	Range	563- 658	488- 698	668- 688
	Sample Size	12	38	2
Males	Mean Length	619.3	632.6	638
	Std. Error	7.44	4.79	11.93
	Range	558- 745	530- 705	615- 655
	Sample Size	27	68	3
All Fish	Mean Length	620.6	634	654
	Std. Error	5.81	4	12
	Range	558- 745	488- 705	615- 688
	Sample Size	39	107	5

Appendix G.4. Mean length by sex and age of sockeye salmon from the dip net and fish wheel catches of the upper Copper River subsistence and personal use fisheries at Chitina, 1987.

		Brood Year and Age Groups										
		1984		1983			1982			1981		1980
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4
Dip Net Catches												
=====												
Females	Mean Length	438	0	546.5	484.7	0	0	561.3	468.4	553	542.2	0
	Std. Error	9.07	0	3.76	5.12	0	0	1.24	5.26	0	3.09	0
	Range	424- 455	0- 0	464- 612	395- 600	0- 0	0- 0	362- 676	412- 538	553- 553	435- 616	0- 0
	Sample Size	3	0	53	72	0	0	856	28	1	145	0
Males	Mean Length	450	0	575.2	512.9	308	625	584.8	453.5	580	571.6	525
	Std. Error	0	0	4.28	5.54	0	0	1.18	12.39	17	3.34	0
	Range	450- 450	0- 0	501- 636	451- 605	308- 308	625- 625	435- 680	435- 490	563- 597	476- 660	525- 525
	Sample Size	1	0	46	34	1	1	875	4	2	118	1
All Fish	Mean Length	441	0	560	494	308	625	573	467	571	555	525
	Std. Error	7.08	0	3	4	0	0	1	5	13	2	0
	Range	424- 455	0- 0	464- 636	395- 605	308- 308	625- 625	362- 680	412- 538	553- 597	435- 660	525- 525
	Sample Size	4	0	99	106	1	1	1731	32	3	263	1
Fish Wheel Catches												
=====												
Females	Mean Length	0	0	561.7	499.1	293	0	565.3	489	0	551.3	0
	Std. Error	0	0	8.24	3.29	18	0	1.51	14.33	0	10.28	0
	Range	0- 0	0- 0	527- 611	417- 591	275- 311	0- 0	432- 690	431- 627	0- 0	465- 603	0- 0
	Sample Size	0	0	11	85	2	0	465	12	0	15	0
Males	Mean Length	498	310.5	561.4	505.7	333	0	578.2	480.5	0	579.5	0
	Std. Error	0	1.5	11.87	4.5	0	0	1.75	20.5	0	8.91	0
	Range	498- 498	309- 312	485- 597	426- 555	333- 333	0- 0	451- 851	460- 501	0- 0	502- 642	0- 0
	Sample Size	1	2	8	43	1	0	434	2	0	18	0
All Fish	Mean Length	498	311	562	501	306	0	572	486	0	567	0
	Std. Error	0	2	7	3	17	0	1	12	0	7	0
	Range	498- 498	309- 312	485- 611	417- 591	275- 333	0- 0	432- 851	431- 627	0- 0	465- 642	0- 0
	Sample Size	1	2	19	128	3	0	911	15	0	33	0

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Brood Year and Age Groups

		1984		1983			1982			1981		1980
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4
Dip Net and Fish Wheel Catches Combined												
=====												
Females	Mean Length	438	0	549.1	492.5	293	0	562.7	474.6	553	543.1	0
	Std. Error	9.07	0	3.47	2.99	18	0	0.96	5.75	0	2.96	0
	Range	424- 455	0- 0	464- 612	395- 600	275- 311	0- 0	362- 690	412- 627	553- 553	435- 616	0- 0
	Sample Size	3	0	64	157	2	0	1321	40	1	160	0
Males	Mean Length	474	310.5	573.1	508.9	320.5	625	582.6	462.5	580	572.6	525
	Std. Error	24	1.5	4.05	3.51	12.5	0	0.98	11.04	17	3.13	0
	Range	450- 498	309- 312	485- 636	426- 605	308- 333	625- 625	435- 851	435- 501	563- 597	476- 660	525- 525
	Sample Size	2	2	54	77	2	1	1309	6	2	136	1
All Fish	Mean Length	452.4	311	560	498	307	625	573	473	571	557	525
	Std. Error	12.65	2	3	2	12	0	1	5	13	2	0
	Range	424- 498	309- 312	464- 636	395- 605	275- 333	625- 625	362- 851	412- 627	553- 597	435- 660	525- 525
	Sample Size	5	2	118	234	4	1	2642	47	3	296	1

Appendix G.5. Mean length by sex and age of sockeye salmon escapements to the Copper River delta and Bering River drainage, 1987.

		Brood Year and Age Groups												
		1985		1984			1983			1982			1981	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3		
Eyak Lake		Sample Date(s): 6/29, 7/21, 7/28 & 7/31												
=====														
Females	Mean Length	0	0	0	556.5	519	0	628	567.5	0	615	578		
	Std. Error	0	0	0	5.12	36	0	0	1.92	0	20	0		
	Range	0- 0	0- 0	0- 0	500- 605	483- 591	0- 0	628- 628	432- 630	0- 0	595- 635	578- 578		
	Sample Size	0	0	0	26	3	0	1	198	0	2	1		
Males	Mean Length	0	427	388.3	565	434.4	0	0	588.3	0	0	0		
	Std. Error	0	2	5.61	6.97	2.08	0	0	2.85	0	0	0		
	Range	0- 0	425- 429	380- 399	511- 618	401- 470	0- 0	0- 0	462- 654	0- 0	0- 0	0- 0		
	Sample Size	0	2	3	23	60	0	0	206	0	0	0		
All Fish	Mean Length	0	427	388	560	438	0	628	578	0	615	578		
	Std. Error	0	2	6	4	3	0	0	2	0	20	0		
	Range	0- 0	425- 429	380- 399	500- 618	401- 591	0- 0	628- 628	432- 654	0- 0	595- 635	578- 578		
	Sample Size	0	2	3	49	63	0	1	404	0	2	1		
McKinley Lake		Sample Date(s): 7/15 & 7/18												
=====														
Females	Mean Length	0	0	0	585.4	486.6	0	0	587.8	436	0	0		
	Std. Error	0	0	0	2.34	8.68	0	0	1.71	0	0	0		
	Range	0- 0	0- 0	0- 0	524- 635	440- 607	0- 0	0- 0	520- 631	436- 436	0- 0	0- 0		
	Sample Size	0	0	0	87	17	0	0	152	1	0	0		
Males	Mean Length	0	440.4	316.3	596.8	442.3	0	0	606.3	520	0	0		
	Std. Error	0	4.96	14.83	5.48	1.43	0	0	4.14	0	0	0		
	Range	0- 0	387- 531	243- 340	506- 655	385- 525	0- 0	0- 0	515- 648	520- 520	0- 0	0- 0		
	Sample Size	0	24	6	40	305	0	0	54	1	0	0		
All Fish	Mean Length	0	440.4	316	589	445	0	0	593	478	0	0		
	Std. Error	0	4.96	15	2	2	0	0	2	42	0	0		
	Range	0- 0	387- 531	243- 340	506- 655	385- 607	0- 0	0- 0	515- 648	436- 520	0- 0	0- 0		
	Sample Size	0	24	6	127	322	0	0	206	2	0	0		

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Appendix G.5. (page 2 of 6)

		Brood Year and Age Groups											
		1985		1984		1983			1982			1981	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
27 Mile Slough Sample Date(s): 7/05 & 7/06													
=====													
Females	Mean Length	0	488	340	578.6	493.6	0	632	577	483	608	585	
	Std. Error	0	23	0	1.34	8.88	0	0	3.45	0	0	0	
	Range	0- 0	465- 511	340- 340	491- 631	428- 559	0- 0	632- 632	506- 626	483- 483	608- 608	585- 585	
	Sample Size	0	2	1	211	14	0	1	52	1	1	1	
Males	Mean Length	311	432.4	323.7	597.4	439.4	0	0	553.9	0	655	0	
	Std. Error	0	2.75	2.03	8.55	2.35	0	0	13.97	0	0	0	
	Range	311- 311	347- 500	294- 345	331- 644	375- 500	0- 0	0- 0	505- 620	0- 0	655- 655	0- 0	
	Sample Size	1	64	34	39	121	0	0	8	0	1	0	
All Fish	Mean Length	311	434	324	582	445	0	632	574	483	632	585	
	Std. Error	0	3	2	2	3	0	0	4	0	24	0	
	Range	311- 311	347- 511	294- 345	331- 644	375- 559	0- 0	632- 632	505- 626	483- 483	608- 655	585- 585	
	Sample Size	1	66	35	250	135	0	1	60	1	2	1	
Thirty-Seven Mile Creek Sample Date(s): 7/30													
=====													
Females	Mean Length		0	0	624	508.4	0	0	603.9	0	0	0	
	Std. Error		0	0	0	4.41	0	0	0.91	0	0	0	
	Range		0- 0	0- 0	624- 624	473- 542	0- 0	0- 0	507- 645	0- 0	0- 0	0- 0	
	Sample Size		0	0	1	20	0	0	402	0	0	0	
Males	Mean Length		463	327.1	630	462.4	0	0	627	0	0	0	
	Std. Error		0	1.82	0	4.98	0	0	1.96	0	0	0	
	Range		463- 463	306- 343	630- 630	361- 567	0- 0	0- 0	326- 681	0- 0	0- 0	0- 0	
	Sample Size		1	23	1	68	0	0	203	0	0	0	
All Fish	Mean Length		463	327	627	473	0	0	612	0	0	0	
	Std. Error		0	2	3	4	0	0	1	0	0	0	
	Range		463- 463	306- 343	624- 630	361- 567	0- 0	0- 0	326- 681	0- 0	0- 0	0- 0	
	Sample Size		1	23	2	88	0	0	606	0	0	0	

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Appendix G.5. (page 3 of 6)

		Brood Year and Age Groups										
		1985	1984		1983			1982			1981	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3
Ragged Point Lake Sample Date(s): 7/24												
=====												
Females	Mean Length	0	504.3	0	585.9	501.3	0	0	585.7	527.7	552	573.5
	Std. Error	0	9.49	0	1.36	3.58	0	0	1.68	12.17	0	3.5
	Range	0- 0	492- 523	0- 0	534- 642	471- 526	0- 0	0- 0	535- 625	515- 552	552- 552	570- 577
	Sample Size	0	3	0	185	18	0	0	123	3	1	2
Males	Mean Length	308.3	452.3	325.9	619.4	460.3	336	0	612.6	0	0	0
	Std. Error	3.93	3.31	2.5	1.72	6.97	0	0	5.06	0	0	0
	Range	303- 316	423- 480	296- 350	568- 670	403- 527	336- 336	0- 0	562- 656	0- 0	0- 0	0- 0
	Sample Size	3	20	30	111	27	1	0	23	0	0	0
All Fish	Mean Length	308.3	459	326	599	477	336	0	590	528	552	574
	Std. Error	3.93	5	3	1	5	0	0	2	12	0	4
	Range	303- 316	423- 523	296- 350	534- 670	403- 527	336- 336	0- 0	535- 656	515- 552	552- 552	570- 577
	Sample Size	3	23	30	296	45	1	0	146	3	1	2
Little Martin Lake Sample Date(s): 8/15												
=====												
Females	Mean Length	0	0	0	0	486.7	0	0	571.6	0	0	0
	Std. Error	0	0	0	0	3.05	0	0	1.93	0	0	0
	Range	0- 0	0- 0	0- 0	0- 0	409- 608	0- 0	0- 0	540- 612	0- 0	0- 0	0- 0
	Sample Size	0	0	0	0	76	0	0	76	0	0	0
Males	Mean Length	0	0	320.3	552	430.3	0	0	583.2	0	0	0
	Std. Error	0	0	2.29	0	2.98	0	0	9.08	0	0	0
	Range	0- 0	0- 0	289- 344	552- 552	333- 535	0- 0	0- 0	536- 624	0- 0	0- 0	0- 0
	Sample Size	0	0	30	1	208	0	0	11	0	0	0
All Fish	Mean Length	0	0	320.3	552	445	0	0	573	0	0	0
	Std. Error	0	0	2.29	0	3	0	0	2	0	0	0
	Range	0- 0	0- 0	289- 344	552- 552	333- 608	0- 0	0- 0	536- 624	0- 0	0- 0	0- 0
	Sample Size	0	0	30	1	284	0	0	87	0	0	0

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		Brood Year and Age Groups												
		1985		1984			1983			1982			1981	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3		
Martin Lake		Sample Date(s): 8/02												
=====														
Females	Mean Length	0	512.5	0	581.8	516.2	0	0	579.9	0	0	593.7		
	Std. Error	0	8.5	0	2.19	6.21	0	0	1.35	0	0	18.68		
	Range	0- 0	504- 521	0- 0	537- 624	481- 626	0- 0	0- 0	514- 637	0- 0	0- 0	568- 630		
	Sample Size	0	2	0	82	32	0	0	247	0	0	3		
Males	Mean Length	285.7	439.7	334.5	603.6	442.5	0	0	610.9	0	0	0		
	Std. Error	1.67	4.72	4.17	3.75	3.15	0	0	3.62	0	0	0		
	Range	284- 289	407- 513	306- 404	555- 642	317- 537	0- 0	0- 0	546- 648	0- 0	0- 0	0- 0		
	Sample Size	3	30	27	27	112	0	0	34	0	0	0		
All Fish	Mean Length	285.7	444	335	587	459	0	0	584	0	0	594		
	Std. Error	1.67	5	4	2	4	0	0	1	0	0	19		
	Range	284- 289	407- 521	306- 404	537- 642	317- 626	0- 0	0- 0	514- 648	0- 0	0- 0	568- 630		
	Sample Size	3	32	27	109	144	0	0	281	0	0	3		
Tokun Lake		Sample Date(s): 8/09												
=====														
Females	Mean Length	0	0	0	0	497.1	0	0	575.6	0	0	0		
	Std. Error	0	0	0	0	4.3	0	0	1.18	0	0	0		
	Range	0- 0	0- 0	0- 0	0- 0	440- 539	0- 0	0- 0	526- 628	0- 0	0- 0	0- 0		
	Sample Size	0	0	0	0	39	0	0	223	0	0	0		
Males	Mean Length	0	0	0	0	446.1	0	0	602.8	0	0	0		
	Std. Error	0	0	0	0	3.22	0	0	2.07	0	0	0		
	Range	0- 0	0- 0	0- 0	0- 0	392- 528	0- 0	0- 0	511- 669	0- 0	0- 0	0- 0		
	Sample Size	0	0	0	0	77	0	0	189	0	0	0		
All Fish	Mean Length	0	0	0	0	463.3	0	0	588	0	0	0		
	Std. Error	0	0	0	0	3.41	0	0	1	0	0	0		
	Range	0- 0	0- 0	0- 0	0- 0	392- 539	0- 0	0- 0	511- 669	0- 0	0- 0	0- 0		
	Sample Size	0	0	0	0	116	0	0	412	0	0	0		

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		Brood Year and Age Groups											
		1985		1984		1983			1982			1981	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	
Martin River Slough Sample Date(s): 7/09													
=====													
Females	Mean Length	0	450.3	332	571.6	488.3	0	602.5	577.7	0	0	560	
	Std. Error	0	11.72	6	1.37	6.77	0	8.5	2.94	0	0	0	
	Range	0- 0	425- 503	326- 338	505- 632	440- 546	0- 0	594- 611	531- 632	0- 0	0- 0	560- 560	
	Sample Size	0	6	2	227	17	0	2	50	0	0	1	
Males	Mean Length	297.3	431.7	329.9	576.2	444.7	0	0	581.8	0	0	0	
	Std. Error	9.23	1.9	3.82	4.4	2.85	0	0	18.36	0	0	0	
	Range	271- 314	344- 471	301- 353	491- 664	379- 571	0- 0	0- 0	522- 688	0- 0	0- 0	0- 0	
	Sample Size	4	100	13	82	91	0	0	9	0	0	0	
All Fish	Mean Length	297.3	433	330	573	452	0	603	578	0	0	560	
	Std. Error	9.23	2	3	2	3	0	9	4	0	0	0	
	Range	271- 314	344- 503	301- 353	491- 664	379- 571	0- 0	594- 611	522- 688	0- 0	0- 0	560- 560	
	Sample Size	4	106	15	309	108	0	2	59	0	0	1	
Bering Lake Sample Date(s): 7/13													
=====													
Females	Mean Length	0	530.3	0	576.8	526.6	0	0	576.1	0	0	585	
	Std. Error	0	7.45	0	3.57	3.52	0	0	1.02	0	0	0	
	Range	0- 0	516- 541	0- 0	538- 622	474- 545	0- 0	0- 0	515- 618	0- 0	0- 0	585- 585	
	Sample Size	0	3	0	34	23	0	0	284	0	0	1	
Males	Mean Length	0	0	0	607.4	442.5	306	0	598.7	453	0	0	
	Std. Error	0	0	0	3.13	3.55	0	0	1.15	0	0	0	
	Range	0- 0	0- 0	0- 0	550- 645	390- 518	306- 306	0- 0	545- 663	453- 453	0- 0	0- 0	
	Sample Size	0	0	0	38	69	1	0	317	1	0	0	
All Fish	Mean Length	0	530.3	0	593	464	306	0	588	453	0	585	
	Std. Error	0	7.45	0	3	5	0	0	1	0	0	0	
	Range	0- 0	516- 541	0- 0	538- 645	390- 545	306- 306	0- 0	515- 663	453- 453	0- 0	585- 585	
	Sample Size	0	3	0	72	92	1	0	601	1	0	1	

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Appendix G.5. (page 6 of 6)

		Brood Year and Age Groups										
		1985	1984		1983			1982			1981	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3
Sheperd Creek		Sample Date(s): 7/02										
=====												
Females	Mean Length	0	524	0	575.8	501.9	0	613.2	574.1	0	597	611
	Std. Error	0	0	0	1.61	4.12	0	4.4	1.08	0	0	0
	Range	0- 0	524- 524	0- 0	514- 622	470- 524	0- 0	602- 627	498- 625	0- 0	597- 597	611- 611
	Sample Size	0	1	0	126	17	0	5	339	0	1	1
Males	Mean Length	296	510	315.1	603.6	462.4	0	647	603.3	0	0	600
	Std. Error	0	37.95	5.71	3.09	5.3	0	0	1.85	0	0	0
	Range	296- 296	435- 600	284- 336	406- 654	393- 543	0- 0	647- 647	459- 649	0- 0	0- 0	600- 600
	Sample Size	1	4	8	83	45	0	1	161	0	0	1
All Fish	Mean Length	296	513	315	587	473	0	619	584	0	597	606
	Std. Error	0	30	6	2	5	0	7	1	0	0	6
	Range	296- 296	435- 600	284- 336	406- 654	393- 543	0- 0	602- 647	459- 649	0- 0	597- 597	600- 611
	Sample Size	1	5	8	209	62	0	6	500	0	1	2
Kuskatka Lake		Sample Date(s): 8/09										
=====												
Females	Mean Length	0	0	0	546.8	466.4	0	0	543.7	470.7	0	542.5
	Std. Error	0	0	0	8.93	4.23	0	0	1.55	14.53	0	5.42
	Range	0- 0	0- 0	0- 0	495- 592	417- 548	0- 0	0- 0	495- 600	444- 494	0- 0	506- 592
	Sample Size	0	0	0	12	38	0	0	186	3	0	21
Males	Mean Length	0	430	331.2	547.9	469.1	325	0	549.7	485.3	0	557.3
	Std. Error	0	0	4.91	7.22	5.76	10.15	0	1.63	13.59	0	7.29
	Range	0- 0	430- 430	310- 346	516- 575	413- 605	305- 338	0- 0	489- 600	428- 540	0- 0	518- 601
	Sample Size	0	1	6	9	49	3	0	209	8	0	15
All Fish	Mean Length	0	430	331	547	468	325	0	547	481	0	549
	Std. Error	0	0	5	6	4	10	0	1	10	0	4
	Range	0- 0	430- 430	310- 346	495- 592	413- 605	305- 338	0- 0	489- 600	428- 540	0- 0	506- 601
	Sample Size	0	1	6	21	87	3	0	396	11	0	36

Appendix G.6. Mean length by sex and age of sockeye salmon in the commercial drift gill net and purse seine catches in the Coghill and Unakwik districts, Prince William Sound, 1987.

		Brood Year and Age Group								
		1984		1983		1982		1981		1980
		1.1	0.3	1.2	1.3	2.2	1.4	2.3	2.4	
Coghill District Sample Date(s): 6/19 =====										
Females	Mean Length	0	605	478	595	0	0	585	0	
	Std. Error	0.0	0.0	16.6	2.1	0.0	0.0	5.5	0.0	
	Range	0- 0	605- 605	426- 524	480- 643	0- 0	0- 0	579- 590	0- 0	
	Sample Size	0	1	5	115	0	0	2	0	
Males	Mean Length	0	587	514	609	0	0	0	628	
	Std. Error	0.0	0.0	19.1	2.9	0.0	0.0	0.0	0.0	
	Range	0- 0	587- 587	468- 600	523- 658	0- 0	0- 0	0- 0	628- 628	
	Sample Size	0	1	6	71	0	0	0	1	
All Fish	Mean Length	0	596	498	600	0	0	585	628	
	Std. Error	0.0	9	13	2	0.0	0.0	6	0	
	Range	0- 0	587- 605	426- 600	480- 658	0- 0	0- 0	579- 590	628- 628	
	Sample Size	0	2	11	186	0	0	2	1	
Coghill District Sample Date(s): 7/01 =====										
Females	Mean Length	340	602	512	592	519	0	596	0	
	Std. Error	0.0	0.0	8.6	0.9	0.5	0.0	4.1	0.0	
	Range	340- 340	602- 602	469- 536	538- 640	518- 519	0- 0	564- 634	0- 0	
	Sample Size	1	1	7	345	2	0	18	0	
Males	Mean Length	0	600	476	613	515	0	609	0	
	Std. Error	0.0	0.0	9.1	1.4	13.0	0.0	7.0	0.0	
	Range	0- 0	600- 600	383- 533	532- 653	502- 528	0- 0	582- 637	0- 0	
	Sample Size	0	1	14	183	2	0	8	0	
All Fish	Mean Length	340	601	488	600	517	0	600	0	
	Std. Error	0.0	1.0	7.6	0.9	5.4	0.0	3.7	0.0	
	Range	340- 340	600- 602	383- 536	532- 653	502- 528	0- 0	564- 637	0- 0	
	Sample Size	1	2	21	528	4	0	26	0	

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Appendix G.6. (page 2 of 3)

		Brood Year and Age Group									
		1984	1983		1982		1981		1980		
		1.1	0.3	1.2	1.3	2.2	1.4	2.3	2.4		
Coghill District Sample Date(s): 7/08 =====											
Females	Mean Length	0	0	515	592	522	592	598	0		
	Std. Error	0.0	0.0	0.0	1.7	0.0	11.0	6.2	0.0		
	Range	0- 0	0- 0	515- 515	554- 649	522- 522	581- 603	584- 617	0- 0		
	Sample Size	0	0	1	97	1	2	5	0		
Males	Mean Length	0	0	538	613	551	0	613	0		
	Std. Error	0.0	0.0	0.5	2.3	0.0	0.0	7.8	0.0		
	Range	0- 0	0- 0	537- 538	563- 670	551- 551	0- 0	596- 640	0- 0		
	Sample Size	0	0	2	71	1	0	5	0		
All Fish	Mean Length	0	0	530	601	537	592	605	0		
	Std. Error	0.0	0.0	7.5	1.6	14.5	11.0	5.3	0.0		
	Range	0- 0	0- 0	515- 538	554- 670	522- 551	581- 603	584- 640	0- 0		
	Sample Size	0	0	3	168	2	2	10	0		
Coghill District Sample Date(s): 7/23 =====											
Females	Mean Length	0	0	522	592	508	0	604	0		
	Std. Error	0.0	0.0	13.7	2.3	0.0	0.0	8.0	0.0		
	Range	0- 0	0- 0	490- 556	541- 651	508- 508	0- 0	576- 624	0- 0		
	Sample Size	0	0	4	80	1	0	6	0		
Males	Mean Length	0	0	469	616	562	616	617	0		
	Std. Error	0.0	0.0	0.0	2.1	6.5	0.0	1.9	0.0		
	Range	0- 0	0- 0	469- 469	560- 655	555- 568	616- 616	611- 620	0- 0		
	Sample Size	0	0	1	79	2	1	4	0		
All Fish	Mean Length	0	0	511	604	544	616	609	0		
	Std. Error	0.0	0.0	14.9	1.8	18.2	0.0	5.1	0.0		
	Range	0- 0	0- 0	469- 556	541- 655	508- 568	616- 616	576- 624	0- 0		
	Sample Size	0	0	5	159	3	1	10	0		

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Appendix G.6. (page 3 of 3)

		Brood Year and Age Group									
		1984	1983		1982		1981		1980		
		1.1	0.3	1.2	1.3	2.2	1.4	2.3	2.4		
Coghill District All Samples Combined =====											
Females	Mean Length	340	603.5	504.4	592.7	516.8	592	596.9	0		
	Std. Error	0	1.5	7.65	0.74	3.04	11	3.01	0		
	Range	340- 340	602- 605	426- 556	480- 651	508- 522	581- 603	564- 634	0- 0		
	Sample Size	1	2	17	637	4	2	31	0		
Males	Mean Length	0	593.5	491	613.1	540.8	616	611.9	628		
	Std. Error	0	6.5	8.53	1.01	11.65	0	3.91	0		
	Range	0- 0	587- 600	383- 600	523- 670	502- 568	616- 616	582- 640	628- 628		
	Sample Size	0	2	23	404	5	1	17	1		
All Fish	Mean Length	340	599	497	601	530	600	602	628		
	Std. Error	0	4	6	1	8	10	3	0		
	Range	340- 340	587- 605	383- 600	480- 670	502- 568	581- 616	564- 640	628- 628		
	Sample Size	1	4	40	1041	9	3	48	1		
Unakwik District Sample Date(s): 6/27 =====											
Females	Mean Length	0	0	501	584.4	0	0	564.8	0		
	Std. Error	0	0	0	1.85	0	0	10.91	0		
	Range	0- 0	0- 0	501- 501	531- 628	0- 0	0- 0	527- 602	0- 0		
	Sample Size	0	0	1	89	0	0	6	0		
Males	Mean Length	0	600	520	606.3	491	627.5	603.2	0		
	Std. Error	0	0	0	2.61	0	12.5	6.18	0		
	Range	0- 0	600- 600	520- 520	551- 657	491- 491	615- 640	570- 642	0- 0		
	Sample Size	0	1	1	63	1	2	13	0		
All Fish	Mean Length	0	600	511	594	491	628	591	0		
	Std. Error	0	0	10	2	0	13	7	0		
	Range	0- 0	600- 600	501- 520	531- 657	491- 491	615- 640	527- 642	0- 0		
	Sample Size	0	1	2	152	1	2	19	0		

Appendix G.7. Mean length by sex and age for sockeye salmon escapements through the weir below Coghill Lake, Prince William Sound, 1987.

		Brood Year and Age Group							
		1984		1983		1982		1981	
		1.1	1.2	1.3	2.2	1.4	2.3		
Sample Date(s): 6/27									
Females	Mean Length	0	489	589.7	503.5	0	559.9		
	Std. Error	0	13.3	1.37	18.5	0	9.53		
	Range	0- 0	446- 571	543- 675	485- 522	0- 0	504- 600		
	Sample Size	0	10	201	2	0	9		
Males	Mean Length	343	468.5	610.6	524.8	640	613.9		
	Std. Error	0	11.33	1.13	18.37	0	3.95		
	Range	343- 343	422- 592	445- 650	471- 571	640- 640	563- 643		
	Sample Size	1	19	330	5	1	21		
All Fish	Mean Length	343	476	603	519	640	598		
	Std. Error	0	9	1	14	0	6		
	Range	343- 343	422- 592	445- 675	471- 571	640- 640	504- 643		
	Sample Size	1	29	531	7	1	30		
Sample Date(s): 7/14									
Females	Mean Length	0	467.3	582.9	514	594	580.9		
	Std. Error	0	18.51	3.63	9.84	0	3.55		
	Range	0- 0	396- 525	480- 1572	488- 540	594- 594	529- 612		
	Sample Size	0	6	290	5	1	25		
Males	Mean Length	326	462.7	605.1	548	0	589.4		
	Std. Error	16	24.83	1.21	68	0	5.99		
	Range	310- 342	420- 506	538- 664	480- 616	0- 0	520- 620		
	Sample Size	2	3	240	2	0	17		
All Fish	Mean Length	326	466	593	524	594	584		
	Std. Error	16	14	2	17	0	3		
	Range	310- 342	396- 525	480- 1572	480- 616	594- 594	520- 620		
	Sample Size	2	9	530	7	1	42		
Sample Date(s): 7/20									
Females	Mean Length	0	546	583.3	520	0	577.4		
	Std. Error	0	9	1.82	0	0	5.89		
	Range	0- 0	537- 555	430- 645	520- 520	0- 0	540- 600		
	Sample Size	0	2	184	1	0	10		
Males	Mean Length	0	572.3	605.5	564	0	604.6		
	Std. Error	0	33.55	1.22	0	0	5.7		
	Range	0- 0	510- 625	518- 666	564- 564	0- 0	550- 636		
	Sample Size	0	3	371	1	0	18		
All Fish	Mean Length	0	561.8	598	542	0	595		
	Std. Error	0	19.68	1	22	0	5		
	Range	0- 0	510- 625	430- 666	520- 564	0- 0	540- 636		
	Sample Size	0	5	555	2	0	28		

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Appendix G.7. (page 2 of 2)

		Brood Year and Age Group					
		1984	1983	1982		1981	
		1.1	1.2	1.3	2.2	1.4	2.3
All Samples Combined							
Females	Mean Length	0	488.1	585	512.1	594	575.8
	Std. Error	0	10.8	1.69	7.13	0	3.26
	Range	0- 0	396- 571	430-1572	485- 540	594- 594	504- 612
	Sample Size	0	18	675	8	1	44
Males	Mean Length	331.7	480.2	607.2	535.5	640	603.5
	Std. Error	10.84	11.78	0.7	17.77	0	3.22
	Range	310- 343	420- 625	445- 666	471- 616	640- 640	520- 643
	Sample Size	3	25	941	8	1	56
All Fish	Mean Length	331.7	484	598	524	617	591
	Std. Error	10.84	8	1	10	23	3
	Range	310- 343	396- 625	430-1572	471- 616	594- 640	504- 643
	Sample Size	3	43	1616	16	2	100

APPENDIX H

Average Weights of Salmon in the
Copper/Bering Rivers and Prince William Sound.

Appendix H.1. Average salmon weights from the commercial gill net and purse seine fisheries in the Copper/Bering and Prince William Sound areas, 1987. Based on information provided by the fish processing industry on fish tickets. ^a

Area and Fishery	Average Weight (in pounds)				
	Chinook	Sockeye	Coho	Pink	Chum
Copper/Bering Drift Gill Net	27.50	6.49	8.47	4.17	6.35
Prince William Sound Drift Gill Net	12.96	7.33	8.93	4.01	7.35
Prince William Sound Set Gill Net	13.65	6.44	5.06	3.68	7.80
Prince William Sound Purse Seine	11.86	6.71	7.43	3.46	7.84

a Typically during each fishing period a portion of each delivery to a tender boat is counted into a brail and weighed and the average weight is computed by dividing the net weight of the brail load by the number of fish. This average weight is used to estimate the number of fish in the total delivery. The average weights in this table are based on the total weight of the catch by species, gear type, and fishery from fish ticket summaries divided by the total number of fish by species, gear type, and fishery as reported on fish tickets.

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